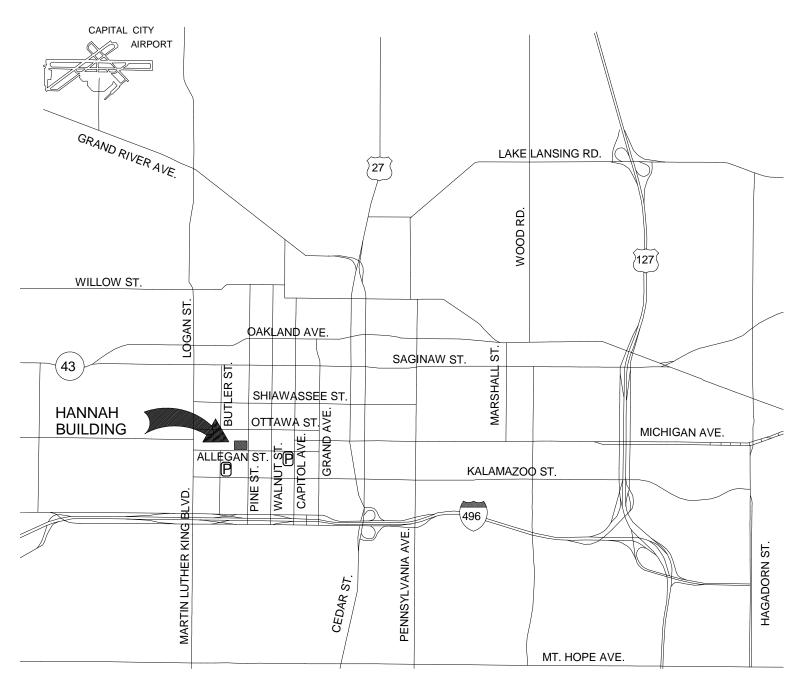


# State of Michigan Oil and Gas Lease Auction

# JUNE 13, 2002

DEPARTMENT OF NATURAL RESOURCES
FOREST MINERAL AND FIRE MANAGEMENT
PO BOX 30452
LANSING MI 48909-7952

# STATE OF MICHIGAN OIL AND GAS LEASE AUCTION JUNE13, 2002 OTTAWA CONFERENCE CENTER



DIRECTIONS: Upper Parking Level, Hannah Building - South (corner of Allegan and Pine Streets) 608 West Allegan Street, Lansing, Michigan.

Public Parking is available 1 block east of the Ottawa Conference Center on Allegan Street between Pine and Walnut Streets or, behind the Michigan Historical Center. Additional parking is located along the streets.

#### STATE OF MICHIGAN -- OIL AND GAS LEASE AUCTION

A State of Michigan Oil and Gas Lease Auction, offering the herein-described parcels is scheduled for Thursday, June 13, 2002 at the Ottawa Conference Center 608 W Allegan, Hannah Building (Upper Level) Lansing, Michigan.

#### TO ALL PROSPECTIVE BIDDERS:

Please be advised:

- 1. Due to heightened security at all State buildings, only the main entrance to the Hannah Building is open. Security personnel will not allow anyone past the lobby of the Hannah Building without picture I.D. and an escort from DNR staff. Be prepared to show required picture identification, such as a drivers license to the security personnel. You will be escorted by DNR staff to the location of the auction.
- 2. Public parking is available behind the State Library and Historical Center from Kalamazoo Street and in a private lot at the corner of Walnut and Allegan Streets. In addition, there is limited meter parking along public streets.

Additions or deletions in this auction catalog may occur as a result of public noticing, Natural Resources Commission (NRC) action, or title conflicts. Any and all terms and conditions of offering are subject to change due to Public Noticing of the parcels or to action taken by the Director of the Michigan Department of Natural Resources (MDNR) or the NRC.

REGISTRATION OF BIDDERS will be held from 9:00 a.m. until 10:00 a.m.

OFFERING OF LEASE RIGHTS will begin at 10:00 a.m. and will continue until all descriptions have been offered.

The State's equity in the parcel being offered is indicated by an "Sur" (State's percentage of surface equity) or an "Min" (State's percentage of mineral equity).

The starting minimum bid for each auction unit is **\$13.00 per acre**, or fraction thereof, (\$10.00 applied to the acquisition funding source and \$3.00 being applied to an account set up to audit oil and gas leases). The amount bid in is based on the "Bid Acres" specified. Additionally, at the auction's end, and at the option of the MDNR, parcels not bid-in at \$13.00 per acre may be re-offered at a minimum bid of \$5.00 per acre.

There is no limit on the number of auction units that may be bid on by any party. The MDNR reserves the right to reject any and all bids, for reasons stated.

Each auction unit will constitute a separate lease. All bids, and issuance of leases, are subject to approval by the MDNR and the State Administrative Board.

**QUALIFIED BIDDERS**: Parties interested in bidding, or their authorized representative, must be present at the auction. Bids may be submitted by individuals of legal age, a partnership, corporation or other entity qualified to do business in the State of Michigan. All prospective bidders will be required to submit proof as follows:

<u>CORPORATIONS OR PARTNERSHIPS</u>: Copy of "Certificate of Good Standing" or "Certificate of Limited Partnership," which may be obtained from the Michigan Department of Consumer and Industry Services, Corporations and Land Development Bureau, Box 30054, Lansing, Michigan 48909 (517-241-6400) or <a href="https://www.michigan.gov">www.michigan.gov</a>

**PERSONS DOING BUSINESS UNDER AN ASSUMED NAME:** Copy of "Certificate of Persons Conducting Business Under Assumed Name," which may be obtained from the clerk of the county in which registered. "Person" may be one or more individuals, corporations, trusts, fiduciaries, or other entity.

**INDIVIDUALS**: Proof of attainment of legal age –birth certificate or valid driver's license.

#### **DEVELOPMENT LEASES**

The lease is not in itself an authorization to drill. Issuance of drilling permits for specific locations is subject to separate application and approval by the Supervisor of Wells, Michigan Department of Environmental Quality, pursuant to Part 615 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

FOR LEASES ON LANDS IN WHICH THE STATE OWNS MINERAL RIGHTS ONLY SURFACE RIGHTS PRIVATELY OWNED, THE FOLLOWING PROVISIONS WILL APPLY:

- 1. Lessee shall pay or agree upon payment to the surface owner for all damages or losses (including any loss of the use of all or part of the surface), caused directly or indirectly by operations hereunder, whether to growing crops or buildings, to any person or property, or to other operations.
- 2. Before development operations may be commenced on the land in which the State of Michigan owns mineral rights only, and as described in this lease, proof must be submitted to the Lessor, in writing, that either voluntary agreement or stipulated settlement relative to surface use and damages has been reached between the Lessee or Lessee's authorized agent and the surface owner or number 3 (below) is invoked.
- 3. When a mutually satisfactory agreement relative to surface use and damages cannot be reached, either party can inform the Lessor, in writing, that a dispute exists and Lessor will grant a negotiation period of thirty (30) days in which no drilling or development operations may be conducted by the Lessee. This time period is to allow for the resolution of the dispute. If, at the end of this period, proof of the agreement is not submitted in writing to the Lessor, drilling and development operations will not be prohibited by the Lessor and resolution of the dispute rests solely with the Lessee and the surface owner independent of the Lessor. In the event the primary term of this lease, or any extension thereof, shall expire during said 30-day negotiation period, said term shall be automatically extended thirty (30) days from the end of said negotiation period.

#### NONDEVELOPMENT LEASES (AUCTION ITEM NUMBER PRECEDED BY "N")

FOR LEASES ISSUED ON PARCELS CLASSIFIED AS NONDEVELOPMENT, THE FOLLOWING PROVISIONS WILL APPLY:

- All other provisions of this Lease notwithstanding, it is understood that no drilling
  or development work shall be conducted on the surface of the land described in
  this Lease without reclassification and/or the specific authorization of the Lessor.
  Reclassification or such authorization for this Lease or any portion of the lands
  contained herein will be granted at the sole discretion of the Lessor.
- 2. Drilling, if authorized, shall be limited to the number of wells necessary to prevent drainage from said State minerals.
- 3. No operations shall be conducted until written instructions for the proper protection of any and all natural resource interests and/or surface values are issued by the Lessor.

#### **OIL AND GAS LEASE BASIC TERMS**

Any operations under the lease shall be subject to all applicable federal and state laws and rules now or hereafter in force.

**TERM OF LEASE**: Five years and as long thereafter as oil and/or gas are produced in paying quantities. A State lease form, rules and policy governing the leasing of State lands for oil and gas may be obtained upon request.

**BONUS**: Consideration paid for the lease rights through competitive bidding at public auction. The total bonus bid must be paid on the same day the lease rights are bid-in.

Prospective bidders who do not have an established credit rating with the MDNR through prior leasing of State-owned minerals must pay at least 1/2 of the total bonus bid by cash, certified check or money order unless they have established credit by filing with the Forest, Mineral and Fire Management Division three (3) references, one of which must be from a bank or other financial institution. Other references may be in the form of a letter from a credit bureau, firm with whom you have done business, a person, firm or corporation engaged in the oil and gas business, or another financial institution. **NOTE:** In no instance will the MDNR accept "sight drafts" even if noted as a "zero day sight draft."

**BOND**: The successful bidders must be prepared to file with the Forest, Mineral and Fire Management Division a blanket oil and gas lease performance bond in accordance with the following bond schedule:

Amount of Bond	Maximum Acres
\$10,000	0-5000
\$25,000	5001-10000
\$50,000	10001-unlimited

**RENTAL**: Rental of \$2.00 per acre per year beginning the first year of the lease, provided that the minimum annual rental for any lease shall be \$5.00. The first year's rental payment shall be due at the time the acreage is bid-in.

**ABATEMENT**: Each producing oil and/or gas well abates rental on the leased premises within the established producing unit.

**ROYALTY**: The royalty rate is 1/6 unless otherwise indicated.

<u>RELEASES</u>: Lessees may surrender a lease or any part thereof at any time providing all prior lease obligations have been fulfilled. Releases must be filed as provided in the lease with the Forest, Mineral and Fire Management Division (address shown below).

FOREST, MINERAL AND FIRE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF NATURAL RESOURCES PO BOX 30452 LANSING MI 48909-7952 517-373-7663

DNR Internet website address: http://www.michigandnr.gov

# **TABLE OF CONTENTS**

	COUNTY	PAGE
1.	Alcona	1
2.	Alpena	2
3.	Antrim	4
4.	Arenac	5
5.	Benzie	8
6.	Clare	17
7.	Crawford	18
8.	Gladwin	32
9.	Grand Traverse	33
10.	losco	34
11.	Kalkaska	35
12.	Lake	36
13.	Livingston	46
14.	Manistee	54
15.	Mason	55
16.	Mecosta	57
17.	Missaukee	58
18.	Montcalm	60
19.	Montmorency	62
20.	Newaygo	69
21.	Oceana	71
22.	Osceola	75
23.	Oscoda	76
24.	Otsego	78
25.	Presque Isle	79
26.	St. Clair	81

# **Mineral Auction Stipulation Report**

Stipulation ID	Stipulation Name	Description
1	Development - U.S.F.S. Surface	All other provisions of this lease notwithstanding, it is understood that the land described in this lease shall not be entered for any purpose whatsoever without first contacting the United States Department of Agriculture, (USDA) Forest Service, Huron-Manistee National Forests, Cadillac, Michigan (telephone 616-775-2421) and securing detailed instructions as to cutting any forest growth for the purpose of making roadways or clearing well locations or for any other purpose in order that the surface values may be properly protected and conserved. No drilling operations may be conducted within 200 feet of any road, trail or highway unless otherwise approved by the USDA.
2	Nondevelopment .U.S.F.S. Surface	The surface of this land is under the jurisdiction of the United States Department of Agriculture, Forest Service, Huron-Manistee National Forest, Cadillac, Michigan.
3	HAL Restriction	All other provisions of this lease notwithstanding, it is understood and agreed that no exploration or development work shall be conducted on this land without specific authorization from the State Historic Preservation Officer, Department of History, Arts and Library, Michigan Historical Center. No operations shall be conducted until written instructions for the proper protection of any and all artifacts of historical or archaeological value are issued by the State Archaeologist.
5	Military Affairs Agreement No. L-7084	All other provisions of this lease notwithstanding, it is understood that no exploration, drilling or development work shall be conducted on this land until the lessee first contacts the Department of Military Affairs and State Military Board to coordinate activities.
6	Kirtland's Warbler Habitat Management	As of the date of this lease, this land is considered to be part of a Kirtland's Warbler Habitat Management Area. No drilling, exploration, construction or maintenance activities shall take place within ½ mile of a KWH area from May 1 to October 1.
8	Including Riparian Rights	Including riparian rights adjacent thereto.
10	Time Restriction	All other provisions of this lease notwithstanding, it is understood that from February 1 through August 31 of each year that only exploration and development activities specifically approved in writing by the Lessor's representative(s) will be allowed on this leased acreage.
14	Military Affairs Agreement	All other rights in this lease notwithstanding, it is understood the above described parcel is subject to an agreement between the State of Michigan's Departments of Natural Resources and Military Affairs. Said agreement reserved to the Department of Natural Resources certain rights including the right to development of the minerals.
15	Limited Surface Disturbance	To limit surface disturbance, any wells to be drilled on the leased premises shall be drilled from a single surface area that is acceptable to and approved by the Lessor, unless the Lessor reasonably determines that production on adjacent land creates the probability of drainage of oil and/or gas from State mineral land. The Lessee shall submit a proposed development plan for the leased premises including a proposed surface area, access routes and pipeline corridors, with due regard to surface features, the relative location of other oil and gas operations in the area, and applicable regulatory requirements. The Lessee may not drill any well on the leased premises without first obtaining a surface use agreement from the Lessor. Approval shall be based on the foregoing criteria, and said approval shall not be unreasonably withheld.

May 14, 2002 Page 1 of 2

#### STATE OF MICHIGAN -- OIL AND GAS LEASE AUCTION

A State of Michigan Oil and Gas Lease Auction, offering the herein-described parcels is scheduled for Thursday, June 13, 2002 at the Ottawa Conference Center 608 W Allegan, Hannah Building (Upper Level) Lansing, Michigan.

#### TO ALL PROSPECTIVE BIDDERS:

Please be advised:

- 1. Due to heightened security at all State buildings, only the main entrance to the Hannah Building is open. Security personnel will not allow anyone past the lobby of the Hannah Building without picture I.D. and an escort from DNR staff. Be prepared to show required picture identification, such as a drivers license to the security personnel. You will be escorted by DNR staff to the location of the auction.
- 2. Public parking is available behind the State Library and Historical Center from Kalamazoo Street and in a private lot at the corner of Walnut and Allegan Streets. In addition, there is limited meter parking along public streets.

Additions or deletions in this auction catalog may occur as a result of public noticing, Natural Resources Commission (NRC) action, or title conflicts. Any and all terms and conditions of offering are subject to change due to Public Noticing of the parcels or to action taken by the Director of the Michigan Department of Natural Resources (MDNR) or the NRC.

REGISTRATION OF BIDDERS will be held from 9:00 a.m. until 10:00 a.m.

OFFERING OF LEASE RIGHTS will begin at 10:00 a.m. and will continue until all descriptions have been offered.

The State's equity in the parcel being offered is indicated by an "Sur" (State's percentage of surface equity) or an "Min" (State's percentage of mineral equity).

The starting minimum bid for each auction unit is **\$13.00 per acre**, or fraction thereof, (\$10.00 applied to the acquisition funding source and \$3.00 being applied to an account set up to audit oil and gas leases). The amount bid in is based on the "Bid Acres" specified. Additionally, at the auction's end, and at the option of the MDNR, parcels not bid-in at \$13.00 per acre may be re-offered at a minimum bid of \$5.00 per acre.

There is no limit on the number of auction units that may be bid on by any party. The MDNR reserves the right to reject any and all bids, for reasons stated.

Each auction unit will constitute a separate lease. All bids, and issuance of leases, are subject to approval by the MDNR and the State Administrative Board.

**QUALIFIED BIDDERS**: Parties interested in bidding, or their authorized representative, must be present at the auction. Bids may be submitted by individuals of legal age, a partnership, corporation or other entity qualified to do business in the State of Michigan. All prospective bidders will be required to submit proof as follows:

<u>CORPORATIONS OR PARTNERSHIPS</u>: Copy of "Certificate of Good Standing" or "Certificate of Limited Partnership," which may be obtained from the Michigan Department of Consumer and Industry Services, Corporations and Land Development Bureau, Box 30054, Lansing, Michigan 48909 (517-241-6400) or <a href="https://www.michigan.gov">www.michigan.gov</a>

**PERSONS DOING BUSINESS UNDER AN ASSUMED NAME:** Copy of "Certificate of Persons Conducting Business Under Assumed Name," which may be obtained from the clerk of the county in which registered. "Person" may be one or more individuals, corporations, trusts, fiduciaries, or other entity.

**INDIVIDUALS**: Proof of attainment of legal age –birth certificate or valid driver's license.

#### **DEVELOPMENT LEASES**

The lease is not in itself an authorization to drill. Issuance of drilling permits for specific locations is subject to separate application and approval by the Supervisor of Wells, Michigan Department of Environmental Quality, pursuant to Part 615 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

FOR LEASES ON LANDS IN WHICH THE STATE OWNS MINERAL RIGHTS ONLY SURFACE RIGHTS PRIVATELY OWNED, THE FOLLOWING PROVISIONS WILL APPLY:

- 1. Lessee shall pay or agree upon payment to the surface owner for all damages or losses (including any loss of the use of all or part of the surface), caused directly or indirectly by operations hereunder, whether to growing crops or buildings, to any person or property, or to other operations.
- 2. Before development operations may be commenced on the land in which the State of Michigan owns mineral rights only, and as described in this lease, proof must be submitted to the Lessor, in writing, that either voluntary agreement or stipulated settlement relative to surface use and damages has been reached between the Lessee or Lessee's authorized agent and the surface owner or number 3 (below) is invoked.
- 3. When a mutually satisfactory agreement relative to surface use and damages cannot be reached, either party can inform the Lessor, in writing, that a dispute exists and Lessor will grant a negotiation period of thirty (30) days in which no drilling or development operations may be conducted by the Lessee. This time period is to allow for the resolution of the dispute. If, at the end of this period, proof of the agreement is not submitted in writing to the Lessor, drilling and development operations will not be prohibited by the Lessor and resolution of the dispute rests solely with the Lessee and the surface owner independent of the Lessor. In the event the primary term of this lease, or any extension thereof, shall expire during said 30-day negotiation period, said term shall be automatically extended thirty (30) days from the end of said negotiation period.

#### NONDEVELOPMENT LEASES (AUCTION ITEM NUMBER PRECEDED BY "N")

FOR LEASES ISSUED ON PARCELS CLASSIFIED AS NONDEVELOPMENT, THE FOLLOWING PROVISIONS WILL APPLY:

- All other provisions of this Lease notwithstanding, it is understood that no drilling
  or development work shall be conducted on the surface of the land described in
  this Lease without reclassification and/or the specific authorization of the Lessor.
  Reclassification or such authorization for this Lease or any portion of the lands
  contained herein will be granted at the sole discretion of the Lessor.
- 2. Drilling, if authorized, shall be limited to the number of wells necessary to prevent drainage from said State minerals.
- 3. No operations shall be conducted until written instructions for the proper protection of any and all natural resource interests and/or surface values are issued by the Lessor.

#### **OIL AND GAS LEASE BASIC TERMS**

Any operations under the lease shall be subject to all applicable federal and state laws and rules now or hereafter in force.

**TERM OF LEASE**: Five years and as long thereafter as oil and/or gas are produced in paying quantities. A State lease form, rules and policy governing the leasing of State lands for oil and gas may be obtained upon request.

**BONUS**: Consideration paid for the lease rights through competitive bidding at public auction. The total bonus bid must be paid on the same day the lease rights are bid-in.

Prospective bidders who do not have an established credit rating with the MDNR through prior leasing of State-owned minerals must pay at least 1/2 of the total bonus bid by cash, certified check or money order unless they have established credit by filing with the Forest, Mineral and Fire Management Division three (3) references, one of which must be from a bank or other financial institution. Other references may be in the form of a letter from a credit bureau, firm with whom you have done business, a person, firm or corporation engaged in the oil and gas business, or another financial institution. **NOTE:** In no instance will the MDNR accept "sight drafts" even if noted as a "zero day sight draft."

**BOND**: The successful bidders must be prepared to file with the Forest, Mineral and Fire Management Division a blanket oil and gas lease performance bond in accordance with the following bond schedule:

Amount of Bond	Maximum Acres
\$10,000	0-5000
\$25,000	5001-10000
\$50,000	10001-unlimited

**RENTAL**: Rental of \$2.00 per acre per year beginning the first year of the lease, provided that the minimum annual rental for any lease shall be \$5.00. The first year's rental payment shall be due at the time the acreage is bid-in.

**ABATEMENT**: Each producing oil and/or gas well abates rental on the leased premises within the established producing unit.

**ROYALTY**: The royalty rate is 1/6 unless otherwise indicated.

<u>RELEASES</u>: Lessees may surrender a lease or any part thereof at any time providing all prior lease obligations have been fulfilled. Releases must be filed as provided in the lease with the Forest, Mineral and Fire Management Division (address shown below).

FOREST, MINERAL AND FIRE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF NATURAL RESOURCES PO BOX 30452 LANSING MI 48909-7952 517-373-7663

DNR Internet website address: http://www.michigandnr.gov

# **TABLE OF CONTENTS**

	COUNTY	PAGE
1.	Alcona	1
2.	Alpena	2
3.	Antrim	4
4.	Arenac	5
5.	Benzie	8
6.	Clare	17
7.	Crawford	18
8.	Gladwin	32
9.	Grand Traverse	33
10.	losco	34
11.	Kalkaska	35
12.	Lake	36
13.	Livingston	46
14.	Manistee	54
15.	Mason	55
16.	Mecosta	57
17.	Missaukee	58
18.	Montcalm	60
19.	Montmorency	62
20.	Newaygo	69
21.	Oceana	71
22.	Osceola	75
23.	Oscoda	76
24.	Otsego	78
25.	Presque Isle	79
26.	St. Clair	81

# **Mineral Auction Stipulation Report**

Stipulation ID	Stipulation Name	Description
16	Threatened and Endangered Species Habitat	All other provisions of this lease not withstanding, it is understood that no exploration or development work shall be conducted on this parcel without specific authorization from the Natural Heritage Program, Department of Natural Resources, Wildlife Division. No operations shall be conducted until written instructions for the proper protection of any and all special natural features are issued by the Endangered Species Coordinator.
19	Recreational Trails	All other provisions of this lease notwithstanding, it is understood that no well site shall be located closer than 660 feet to any recreational trail without the written consent of the Lessor.
20	Use Existing Well Pad	All other provisions of this lease notwithstanding, it is further understood that existing well pads shall be used for drilling unless otherwise authorized by the Department of Natural Resources' Land Manager.
23	Subject to Existing Gas Storage Lease	All other provisions of this lease notwithstanding, this parcel is subject to an existing State of Michigan Underground Gas Storage Lease.
33	Raptor Nesting Area	All other provisions on this lease notwithstanding, it is understood that this parcel was determined to be, at time of leasing, near to a known raptor nesting site. No drilling or development shall take place with 300 feet of known (or possible) protected raptor nests at any time and no activity is allowed within ½ mile during the nesting season, February 1 to August 31. Exploration and development activities must be approved, in writing, by the Lessor's District Wildlife Biologist.
39	Pittman Robertson or Dingall Johnson Funding	Parcel is classified as nondevelopment pursuant to provisions of the funding source used to acquire the land.

May 14, 2002 Page 2 of 2

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Alcona County	1.0					1 - 1 - 1	
1	T28N R05E				40			
15	NW1/4 NE1/4	25	40.00	Min 100% Sur 0%				
N-2	SE1/4 NE1/4	35	40.00	Min 100%	40			
3				Sur 0%	40			
<b>3</b> 15	NE1/4 SE1/4	36	40.00	Min 100% Sur 0%				
	Alcona County T28N R07E							
<b>4</b> 8 15	NE1/4 NW1/4	19	40.00	Min 100% Sur 0%				

May 14, 2002 Page 1 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oii & Gas Lease F		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres		Acres	Number	Bid	Bid
				1				
	Alpena County							
	T29N R06E	-			40			
N-5	054/4 N/54/4		40.00		40			
	SE1/4 NE1/4	8	40.00	Min 100%				
		ļ		Sur 100%	<del></del>			
N-6					80			
	NE1/4 SE1/4	9	40.00	Min 100%				
				Sur 100%	1			
	NW1/4 SE1/4	9	40.00	Min 100%				
				Sur 100%				
	Alpena County							
	T29N R07E							
7					80			
15	NE1/4 SW1/4	25	40.00	Min 100%				
				Sur 0%				
	NW1/4 SW1/4	25	40.00	Min 100%	,			
				Sur 0%				
N-8					40			
	SE1/4 SW1/4	25	40.00	Min 100%				
				Sur 0%	,			
9					80			
15	SE1/4 NE1/4	26	40.00	Min 100%				
				Sur 0%				
15	SW1/4 NE1/4	26	40.00	Min 100%	1			
				Sur 0%	1			
10					40			
15	SE1/4 NW1/4	26	40.00	Min 100%	1			
-				Sur 0%	1			
N-11					1			
	Com at NE corner of SE1/4 of SW1/4, th W 200	33	0.92	Min 100%	1			
	feet, S 200 feet, E 200 feet, N 200 feet to POB		0.00	Sur 0%				
	being part of SE1/4 of SW1/4			0,0				
					10			
12	NNA/4 /4 NNA/4 /4	00	40.00		40			
	NW1/4 NW1/4	36	40.00	Min 100%				
		<b>-</b>		Sur 0%	+		-	
13	NN4/4 054/4		40.05		120			
15	NW1/4 SE1/4	36	40.00	Min 100%	1			
				Sur 0%	1			
	SE1/4 SE1/4	36	40.00	Min 100%				
					1	1	1	1
				Sur 0%				
	SW1/4 SE1/4	36	40.00	Sur 0% Min 100%				

May 14, 2002 Page 2 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering		Sec- Lease			Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Alpena County							
	T29N R08E							
14					2		-	
	Commencing at NW corner of NE1/4 NW1/4, th E	17	1.50	Min 100%	_			
	330 ft, S 198 ft, W 330 ft, N 198 ft to POB. Part of			Sur 0%				
	NE1/4 NW1/4							
15					75			
13	SE1/4 SW1/4	30	40.00	Min 100%	_			
	52,7,57,7,		10.00	Sur 0%				
15	SW1/4 SW1/4	30	34.89	Min 100%				
				Sur 0%				
	Alpena County	<b> </b>			-			
	T30N R06E							
16					1			
15	Commencing 33 ft W of S 1/8 post on E Sec line	1	0.29	Min 100%	,			
	th S along Co Rd 84 ft th W parrallel to E & W 1/8			Sur 0%	,			
	line 140 ft th N parrell to Co Rd to SE'ly line of Old B, C, G & A RR R/W th NE'ly along RR R/W to W							
	line of Co Rd th S along W line of Co Rd to POB.							
	Part of E1/2 SE1/4							
N-17					40			
	SE1/4 SE1/4	12	40.00	Min 100%				
				Sur 0%	,			
N-18					80			
	NW1/4 SW1/4	15	40.00	Min 100%	,			
				Sur 0%				
	SW1/4 SW1/4	15	40.00	Min 100%				
				Sur 0%	)			
	Alpena County							
	T30N R07E							
N-19					24			
	NW1/4 NW1/4	18	23.60	Min 100%	,			
				Sur 0%				

May 14, 2002 Page 3 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

20 15 N	Antrim County T29N R05W  NE1/4 SE1/4 Subject to existing easements.  NW1/4 SE1/4 Subject to existing easements.		Acres 40.00			Bid Acres	Bidder Number	Per Acre Bid	Total Bid
15 N	T29N R05W  NE1/4 SE1/4 Subject to existing easements.  NW1/4 SE1/4 Subject to existing easements.		40.00						
15 N	Subject to existing easements.  NW1/4 SE1/4  Subject to existing easements.		40.00					1	<u> </u>
15 N	Subject to existing easements.  NW1/4 SE1/4  Subject to existing easements.		40.00			160			
\$	Subject to existing easements.	25		Min 10 Sur 10					
			40.00	Min 10 Sur 10	- 1				
	SE1/4 SE1/4 Subject to existing easements.	25	40.00	Min 10 Sur 10	- 1				
	SW1/4 SE1/4 Subject to existing easements.	25	40.00	Min 10 Sur 10	- 1				
21						40			
	NE1/4 SW1/4 Subject to existing easements.	25	40.00	Min 10 Sur 10	- 1				
N-22						120			
	NW1/4 SW1/4 Subject to existing easements.	25	40.00	Min 10 Sur 10					
\$	SE1/4 SW1/4	25	40.00	Min 10 Sur 10	- 1				
5	SW1/4 SW1/4	25	40.00	Min 10 Sur 10	0%				
23						40		<del> </del>	
15	SE1/4 SE1/4	26	40.00	Min 10 Sur 10					
N-24						120			
١	NE1/4 SE1/4	26	40.00	Min 10	- 1				
	NW1/4 SE1/4	26	40.00	Sur 10 Min 10	- 1				
	Subject to existing easements.	20	40.00	Sur 10	- 1				
	SW1/4 SE1/4 Subject to existing easements.	26	40.00	Min 10 Sur 10	- 1				
	Antrim County T29N R06W								
N-25		_	4.5			40			
	NE1/4 SW1/4	6	40.00	Min 10 Sur	0% 0%				
	Antrim County				T				
	T30N R07W								
<b>26</b>	NW1/4 NE1/4	20	40.00	Min 10	- 1	80			
5	SW1/4 NE1/4	20	40.00	Min 10	0% 0% 0%				

May 14, 2002 Page 4 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oil & Gas Lease A	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Antrim County T30N R07W							
N-27	SW1/4 NW1/4	27	40.00	Min 100 Sur 0	40 % %			
N-28	SW1/4 SE1/4	27	40.00	Min 100 Sur 0	40 % %			
N-29	NW1/4 SW1/4	27	40.00	Min 100 Sur 0	120 % %			
	SE1/4 SW1/4	27	40.00	Min 100				
	SW1/4 SW1/4	27	40.00	Min 100 Sur 0	% %			
N-30	NE1/4 SE1/4	28	40.00	Min 100 Sur 0	160 % %			
	NW1/4 SE1/4	28	40.00	Min 100				
	SE1/4 SE1/4	28	40.00	Min 100	1			
	SW1/4 SE1/4	28	40.00	Min 100 Sur 0	% %			
<b>31</b> 15	SW1/4 SW1/4	28	40.00	Min 100 Sur 0	40 % %			
N-32	NE1/4 SE1/4	29	40.00	Min 100 Sur 0	40 % %			
<b>33</b> 15	NW1/4 NE1/4	33	40.00	Min 100	40			
N-34	NE1/4 NE1/4	33	40.00	Min 100 Sur 0	40 % %			
N-35	A piece of land commencing on E and W 1/4 line in center of highway running N and S on W side of Cedar River and pond th. W 24 rods, N 40 rods; E 24 rods; S 40 rods; to beg. on SE1/4 NE1/4	34	6.00	Min 100 Sur 0	46 % %			
	NW1/4 NE1/4	34	40.00	Min 100 Sur 0	%			
<b>36</b> 15	E1/2 NE1/4 NW1/4	34	20.00	Min 100	40 %			
15	E1/2 SE1/4 NW1/4	34	20.00	Min 100	% % %			

May 14, 2002

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid	Bidder Number	Per Acre	Total Bid
nullibel	Describrion	uon	Acies	quity	Acres		Bid	BIU
	Antrim County							
	T30N R07W							
37					160			
15	NE1/4 SW1/4	34	40.00	Min 100%				
				Sur 0%				
15	NW1/4 SW1/4	34	40.00	Min 100%				
				Sur 0%				
15	SE1/4 SW1/4	34	40.00	Min 100%				
				Sur 0%				
15	SW1/4 SW1/4	34	40.00	Min 100%				
				Sur 0%				
N-38					80			
	NE1/4 SW1/4	35	40.00	Min 100%				
				Sur 0%				
	SE1/4 SW1/4	35	40.00	Min 100%				
				Sur 0%				

May 14, 2002 Page 6 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	0 a. Guo 20000 /		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Arenac County							
	T20N R04E							
39					10			
	E1/2 of SW1/4 of the SW1/4 of NE 1/4, W1/2 of	8	10.00	Min 100%				
	SE1/4 of SW1/4 of NE1/4			Sur 0%				
	Arenac County							
	T20N R05E							
40					1			
	Beg 18 rds N of SW cor of SW 1/4, th E 10 rds, N	7	0.25	Min 100%				
	4 rds, W 10 rds, S 4 rds to pob			Sur 0%				
	Commencing 264 feet N of town line from corner	7	0.12	Min 100%				
	stake in SW corner of SW1/4 Sec 7th ext N on			Sur 0%				
	township line 2 rods E 10 rods S 2 rods W 10			0,11				
	rods to beginning continuing approximately 1/8							
	acre. Also a peice of land commencing at a point 16 rods N of SW coner post of Sec 7 running th S							
	& N 6 feet & E & W 88 feet to beginning							

May 14, 2002 Page 7 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oii & Gas Lease /		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres		Acres	Number	Bid	Bid
	Benzie County							
	T25N R13W							
41					128			
15	E1/2 W1/2 NE1/4	4	45.56	Min 100%	6			
				Sur 100%	6			
15	S 2,310 ft of E1/2 E1/2 NE1/4	4	36.50	Min 100%	6			
				Sur 100%	6			
15	W 5.63 acres of E 51.13 acres of W1/2 NE1/4	4	5.63	Min 100%	6			
				Sur 100%	6			
15	W1/2 W1/2 NE1/4	4	39.94	Min 100%	6			
				Sur 100%				
42					183			
15	NE1/4 NW1/4	4	51.36	Min 100%				
				Sur 100%				
15	NW1/4 NW1/4	4	51.58	Min 100%				
4.5	CEA/A NINA/A	4	40.00	Sur 100%				
15	SE1/4 NW1/4	4	40.00	Min 1009	1			
15	SW1/4 NW1/4	4	40.00	Sur 1009 Min 1009				
13	3VV 1/4 INVV 1/4	4	40.00	Sur 1009				
43		-		301 100 /	40			
<b>43</b> 15	NW1/4 SE1/4	4	40 00	Min 100%	1			
				Sur 100%	1			
N-44					80		-	
	NE1/4 SE1/4	4	40.00	Min 1009	6			
				Sur 100%	6			
	SE1/4 SE1/4	4	40.00	Min 100%	6			
				Sur 100%	6			
45					160			
	NE1/4 SW1/4	4	40.00	Min 100%	6			
				Sur 0%				
15	NW1/4 SW1/4	4	40.00	Min 1009				
				Sur 100%				
	SE1/4 SW1/4	4	40.00	Min 100%				
, -	0)4/4/0)4/4/4		40.00	Sur 09				
15	SW1/4 SW1/4	4	40.00	Min 1009				
				Sur 100%			-	
46	S 35.54 acres in SW1/4 NE1/4	5	35.54	Min 100%	72			
	0 00.04 acres iii 000 1/4 INE 1/4	3	33.34	Sur 09				
15	S 35.55 acres in SE1/4 NE1/4	5	35 55	Min 100%				
10	2 33.00 doi:00 iii 0E i/ 1 NE i/ 1		33.00	Sur 09				
47				34. 07	51			
33	NE1/4 NW1/4	5	50.72	Min 100%	1			
	Subject to existing easements.			Sur 100%				

May 14, 2002 Page 8 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Description		Lease		.,	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	⊨quit	y	Acres	Number	Bid	Bid
	Benzie County								
	T25N R13W			ļ				-	
48						77			
33	NW1/4 NW1/4	6	42.94	1					
				1	100%				
33	SW1/4 NW1/4	6	33.45	1					
				Sur	100%				
49	NE4/4 CE4/4		40.00		1000/	160			
	NE1/4 SE1/4	6	40.00						
	NIMA/A CEA/A		40.00	i	100%				
	NW1/4 SE1/4	6	40.00	1	100%				
	SE1/4 SE1/4	6	40.00	i					
	Subject to existing easements.	0	40.00						
	5 - 1,5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			Sur	100%				
	SW1/4 SE1/4	6	40.00	Min	100%				
	Subject to existing easements.			Sur	100%				
50				<del> </del>		57		-	-
30	N1/2 N1/2 SW1/4	6	36.61	Min	100%	01			
	Subject to existing easements.		00.01	1	100%				
	S1/2 NE1/4 SW1/4	6	20.00	1					
	Subject to existing easements.			Sur	100%				
51						40			
•	NW1/4 NE1/4	7	40.00	Min	100%				
				Sur	100%				
52						80			
	SE1/4 SE1/4	7	40.00	Min	100%				
	Subject to existing easements.			Sur	100%				
	SW1/4 SE1/4	7	40.00	Min	1000/				
	3W 1/4 3E 1/4	,	40.00	1	100%				
53				Jui	. 00 /0	148			-
JJ	NE1/4 SW1/4	7	40.00	Min	100%	1-10			
		'	.0.00	1	100%				
	NW1/4 SW1/4	7	33.54	1					
		.		Sur	0%				
	SE1/4 SW1/4	7	40.00	1					
					100%				
	SW1/4 SW1/4	7	33.73	į.					
				Sur	0%				
54						80			
15	NE1/4 NE1/4	8	40.00	Min	100%				
					100%				
15	NW1/4 NE1/4	8	40.00	Min	100%				
				1	100%				

May 14, 2002 Page 9 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres		Acres		Bid	Bid
	Benzie County							
	T25N R13W							
55					40			
	SE1/4 NW1/4	8	40.00	Min 100	1			
				Sur 0	%			
56	NE4/4 000/4/4		40.00		40			
	NE1/4 SW1/4	8	40.00	Min 100				
N 57				Sur 0	40			
N-57	SE1/4 NW1/4	9	40.00	Min 100				
	OL 1/4 1999 1/4	3	+0.00	Sur 100				
58				- Gui 100	160			
19	NE1/4 NE1/4	10	40.00	Min 100				
				Sur 100				
19	NW1/4 NE1/4	10	40.00	Min 100				
				Sur 100				
15	SE1/4 NE1/4	10	40.00	Min 100				
				Sur 100	%			
15	SW1/4 NE1/4	10	40.00	Min 100	%			
				Sur 100	%			
59					80			
19	SE1/4 NW1/4	10	40.00	Min 100	1			
				Sur 100				
19	SW1/4 NW1/4	10	40.00	Min 100				
				Sur 100				
60	NIMA /4 NIE 4 /4	40	40.00		40			
	NW1/4 NE1/4	18	40.00	Min 100 Sur 100				
N-61				Sui 100	160			
14-01	NE1/4 NW1/4	23	40 00	Min 100	- 1			
		20	10.00	Sur 100				
	NW1/4 NW1/4	23	40.00	Min 100				
				Sur 100	1			
	SE1/4 NW1/4	23	40.00	Min 100				
				Sur 100				
	SW1/4 NW1/4	23	40.00	Min 100	%			
				Sur 100	%			
62					120			
15	NW1/4 NW1/4	31	40.00	Min 100				
				Sur 0				
15	SE1/4 NW1/4	31	40.00	Min 100				
	CIA/4/4 NINA/4/4		40.55		%			
15	SW1/4 NW1/4	31	40.00	Min 100				
				Sur 0	%			
N-63	NE1/4 NW1/4	24	40.00	Min 100	40			
	NE1/4 NW1/4	31	40.00	Min 100				
				Sur 0	%		1	

May 14, 2002 Page 10 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Benzie County T25N R13W							
<b>64</b> 19	SE1/4 SW1/4	31	40.00	Min 100% Sur 100%				
N-65	A 100 foot wide former RR ROW traversing over and across SW1/4 SW1/4	31	1.01	Min 100% Sur 100%	1			
66	N1/2 NE1/4 NE1/4	33	20.00	Min 100% Sur 0%	1			
N-67	N1/2 NW1/4 NE1/4	33	20.00	Min 100% Sur 0%	1			
68	NW1/4 NE1/4	35	40.00	Min 100% Sur 0%	1			
69	Parcel commencing at NW corner of NW1/4, thenceE 28 rods; S 47 rods; 16 feet; W 28 rods; N 47 rods 16 feet to beginning	35	8.16	Min 100% Sur 0%	1			
	Benzie County T25N R14W							
N-70	NE1/4 NW1/4	3	51.86	Min 100% Sur 100%				
	NW1/4 NW1/4	3	51.90	Min 100% Sur 100%	,			
	SE1/4 NW1/4	3	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	3	40.00	Min 100% Sur 100%	1			
N-71	SE1/4 NE1/4	4	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	4	40.00	Min 100% Sur 100%	,			
N-72	NE1/4 NW1/4 except Railroad Right-of-Way	4	50.74	Min 100% Sur 100%				
	NW1/4 NW1/4 except Railroad Right-of-Way	4	49.82	Min 100% Sur 100%	,			
	Railroad right-of-way running across the NE1/4 NW1/4	4	1.68	Min 100% Sur 100%	,			
	Railroad right-of-Way running across the NW1/4 NW1/4	4	2.55	Min 100% Sur 100%	1			

May 14, 2002 Page 11 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oil & Gas Lease A		Lease	- aa, 0an	Bid	Bidder	Per Acre	Total
Number	Description		Acres	Equity	Acres	Number	Bid	Bid
	Benzie County							
	T25N R14W							
N-72	(Continued)							
	Railroad right-of-Way running across the SE1/4	4	3.08	Min 100%				
	NW1/4			Sur 100%				
	SE1/4 NIM1/4 except railroad Bight of May	4	26.02	Min 1000/				
	SE1/4 NW1/4 except railroad Right-of-Way	4	30.92	Min 100% Sur 100%	1			
	SW1/4 NW1/4	4	40.00	Min 100%				
	SW 1/4 1WV 1/4	_	+0.00	Sur 100%				
N-73				3ul 10076	91		-	
IN-73	NE1/4 NE1/4	6	50.60	Min 100%	!			
		U	30.00	Sur 100%				
	SE1/4 NE1/4	6	40.00	Min 100%	1			
			.0.00	Sur 100%				
N-74				001 10070	47			
	NW1/4 NW1/4	6	46.74	Min 100%	}			
				Sur 100%				
N-75					120		-	
	NE1/4 SE1/4	6	40.00	Min 100%	!			
				Sur 100%				
	NW1/4 SE1/4	6	40.00	Min 100%				
				Sur 100%				
	SE1/4 SE1/4	6	40.00	Min 100%				
				Sur 100%				
76					119			
	NE1/4 NE1/4	23	40.00	Min 100%				
				Sur 0%				
	NW1/4 NE1/4	23	40.00	Min 100%				
				Sur 100%				
15	SE1/4 NE1/4 except a strip 2 rods wide on S side	23	39.00	Min 100%				
				Sur 100%	<del> </del>			
77					20			
15	E1/2 SW1/4 SE1/4	24	20.00	Min 100%				
				Sur 100%			-	
N-78	05440544		40.00		40			
	SE1/4 SE1/4	24	40.00	Min 100%				
				Sur 100%	<del> </del>			
<b>79</b>	NIM4/4 CM/4/4	24	40.00	Min 1000/	80			
15	NW1/4 SW1/4	24	40.00	Min 100%				
15	SW1/4 SW1/4	24	40.00	Sur 100% Min 100%				
13	SVV 1/4 SVV 1/4	24	40.00	Sur 100%				
N OO				Jul 100%	40			
N-80	NE1/4 SW1/4	24	40.00	Min 100%	!			
	INC 1/4 300 1/4	24	40.00	Sur 100%	1			
		1		Sui 100%	I	1	1	

May 14, 2002 Page 12 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease			Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity		Acres	Number	Bid	Bid
	Benzie County T25N R14W								
81						52			
19	NE1/4 SW1/4 NE1/4 SW1/4	25	2.50	Min 10 Sur	00% 0%				
19	NW1/4 SE1/4 NE1/4 SW1/4	25	2.50	Min 10 Sur					
19	NW1/4 SW1/4 S of RR	25	7.00	Min 10	00%				
19	SW1/4 SW1/4 Subject to existing easements.	25	40.00	Min 10	00%				
N-82						35			
N-02	Former RR r.o.w. traversing over and across NW1/4 SW1/4	25	2.92	Min 10 Sur 10		00			
	Former RR r.o.w. traversing over and across SE1/4 SW1/4	25	1.86	Min 10 Sur 10					
	Part of E1/2 SE1/4 SW1/4 commencing at the intersection of S line of said Section 25 and centerline of Third Street, Village of Thompsonville; th N 61d 30' W 625.00 feet, th S 35d W to a point on the N-S 1/4 line and POB, th S35d W a point on the S Section line, W along said Section line 180.94 feet, N 55d W 234.82 feet, N 88d 60' 45" 419.95 feet, N 35d E 425.14 feet, S 55d E to N-S 1/4 line, S along N-S 1/4 line to POB, subject to right-of-way as described in Benzie County Circuit Court, Case No. 1182-CZ Subject to existing easements.	25	9.32	Min 10					
	W1/2 SE1/4 SW1/4 Subject to existing easements.	25	20.00	Min 10 Sur 10					
<b>83</b> 15	SE1/4 NE1/4	26	40.00	Min 10		40			
N-84	Former railroad r/w traversing over and across NE1/4 NE1/4	26	2.48	Min 10	00%	43			
	Former railroad r/w traversing over and across SW1/4 NE1/4	26	2.25	Min 10 Sur 10					
	SW1/4 NE1/4	26	37.75	Min 10	00% 0%				
<b>85</b> 19	Former railroad r/w traversing over and across NE1/4 SE1/4	26	3.03	Min 10		158			
19	NE1/4 SE1/4 N of RR	26	15.50	Min 10					

May 14, 2002 Page 13 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oii d Gas Edase / (		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres			Number	Bid	Bid
	Benzie County							
	T25N R14W							
85	(Continued)							
19	NE1/4 SE1/4 S of RR	26	20.05	Min 100%				
				Sur 100%				
19	NW1/4 SE1/4 S of RR	26	38.85	Min 100%				
				Sur 100%				
15	SE1/4 SE1/4	26	40.00	Min 100%				
				Sur 100%				
15	SW1/4 SE1/4	26	40.00	Min 100%				
				Sur 100%				
N-86					2			
	Former railroad r/w traversing over and across	26	0.76	Min 100%				
	NW1/4 SE1/4			Sur 100%				
	NW1/4 SE1/4 N of RR	26	1 00	Min 100%				
	TAVV 1/4 SE 1/4 IN STATE	20	1.00	Sur 100%	1			
87				Jul 100 /6	117		+	
01	N1/2 NE1/4 NE1/4	34	20.00	Min 100%	1			
	141/21421/11421/1	0.	20.00	Sur 0%				
	N1/2 NW1/4 NE1/4	34	20.00	Min 100%	l			
	141/214W 1/11/21/1	0.	20.00	Sur 0%				
19	SE1/4 NE1/4	34	40 00	Min 100%	l			
10	Subject to existing easements.	0.	10.00	Sur 100%				
19	SW1/4 NE1/4 except a strip of land 180 feet in	34	36.91	Min 100%	1			
	width lying 95 feet SW'ly of and 85 ft NE'ly of centerline of M-115, and except Highway r/w, also			Sur 100%				
	except that part of SW1/4 NE1/4 lying S and W of							
	M-115 as now located.							
	Subject to existing easements.							
	Benzie County							
	T26N R13W							
N-88		<u> </u>			40			
	SE1/4 SW1/4	15	40.00	Min 100%				
				Sur 100%				
N-89					40			
	SW1/4 NE1/4	16	40.00	Min 100%				
				Sur 100%				
90					58			
	E1/2 NE1/4 NE1/4 except commencing at NE	28	18.00	Min 100%				
	corner, th W 24 rods on section line S 12 rods to			Sur 100%				
	beginning Subject to existing easements.							
	223,000 to oxioting oddomonio.							
15	E1/2 NW1/4 NE1/4	28	20.00	Min 100%				
				Sur 0%				
	E1/2 SW1/4 NE1/4	28	20.00	Min 100%				
	1	1	1	Sur 0%	1		1	

May 14, 2002 Page 14 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Description		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Benzie County							
	T26N R13W							
91					120			
19	NE1/4 NE1/4	33	40.00	Min 100%				
				Sur 100%	l			
19	SE1/4 NE1/4	33	40.00	Min 100%				
4.0	0.444.415.44		40.00	Sur 100%	l			
19	SW1/4 NE1/4	33	40.00	Min 100%				
				Sur 100%				
92	NIE 4 /4 NIIM/4 /4	00	40.00		160			
15	NE1/4 NW1/4	33	40.00	Min 100%				
4.5	N N A / A A N A / A / A		40.00	Sur 100%				
15	NW1/4 NW1/4	33	40.00	Min 100%				
40	054/45004/4		40.00	Sur 100%	i			
19	SE1/4 NW1/4	33	40.00	Min 100%				
4.0	0.44/4.5.114/4		40.00	Sur 100%	l			
19	SW1/4 NW1/4	33	40.00	Min 100%				
				Sur 100%				
93	NE4/4 0E4/4		40.00		160			
15	NE1/4 SE1/4	33	40.00	Min 100%				
4.5	NW4/4 054/4		40.00	Sur 100%				
15	NW1/4 SE1/4	33	40.00	Min 100%				
4.5	054/4.054/4		40.00	Sur 100%	l			
15	SE1/4 SE1/4	33	40.00	Min 100%				
	0.000		40.00	Sur 100%				
15	SW1/4 SE1/4	33	40.00	Min 100%				
				Sur 100%				
94	NE4/4 0044/4	00	40.00		160			
15	NE1/4 SW1/4	33	40.00	Min 100%				
4.5	NINA / 4 CVA/4 / 4	00	40.00	Sur 100%				
15	NW1/4 SW1/4	33	40.00	Min 100%				
	054/4 000/4/4	00	40.00	Sur 100%	i			
	SE1/4 SW1/4	33	40.00	Min 100%				
4.5	CINIA /A CINIA /A	22	40.00	Sur 100%				
15	SW1/4 SW1/4	33	40.00	Min 100%				
				Sur 100%				
95		24	40.00	N. 1000/	40			
19	NW1/4 NE1/4 Subject to existing easements.	34	40.00	Min 100%	l .			
	Cubject to existing easements.			Sur 100%				
N-96					96			
	Govt Lot 2	34	64.67	Min 100%				
				Sur 100%				
	LOT 1	34	30.80	Min 100%	i			
				Sur 100%	1			
97					160			
15	NE1/4 NW1/4	34	40.00	Min 100%	ł			
				Sur 100%				

May 14, 2002 Page 15 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oii & Gas Ecase	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Benzie County							
	T26N R13W							
97	(Continued)							
19	NW1/4 NW1/4	34	40.00	Min 100%				
				Sur 100%				
15	SE1/4 NW1/4	34	40.00	Min 100%				
				Sur 100%				
19	SW1/4 NW1/4	34	40.00	Min 100%				
				Sur 100%				
98					155			
19	NE1/4 SE1/4	34	40.00	Min 100%				
				Sur 100%				
19	NW1/4 SE1/4 EXCEPT Railroad Right-of-Way	34	37.18	Min 100%				
				Sur 100%	1			
19	SE1/4 SE1/4	34	40.00	Min 100%				
				Sur 100%	1			
	SW1/4 SE1/4 EXCEPT Railroad Right-of-Way	34	37.12	Min 100%				
				Sur 100%	<del> </del>			
99					160			
15	NE1/4 SW1/4	34	40.00	Min 100%				
				Sur 100%				
15	NW1/4 SW1/4	34	40.00	Min 100%				
				Sur 100%				
15	SE1/4 SW1/4	34	40.00	Min 100%				
				Sur 100%				
15	SW1/4 SW1/4	34	40.00	Min 100%				
				Sur 100%				

May 14, 2002 Page 16 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Clare County							
	T19N R06W							
100					120			
23	NW1/4 NW1/4	4	39.99	Min 100%				
	Subject to existing easements.			Sur 100%				
23	SE1/4 NW1/4	4	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
23	SW1/4 NW1/4	4	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
101					122			
23	NE1/4 NE1/4	5	40.46	Min 100%				
	Subject to existing easements.			Sur 0%				
23	NW1/4 NE1/4	5	40.62	Min 100%				
	Subject to existing easements.			Sur 0%				
23	SE1/4 NE1/4	5	40.00	Min 100%				
	Subject to existing easements.			Sur 0%				

May 14, 2002 Page 17 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oli & Gas Lease A	Lease			Bid	Bidder	Per Acre	Total	
Number	Description		Acres				Number	Bid	Bid
	Crawford County T25N R03W								
102						127			
. • =	NE1/4 NE1/4 except that part lying within highway r/w	7	30.80	Min 10 Sur 10					
	Subject to existing easements.			Sui 10	0 %				
	NW1/4 NE1/4	7	40.00	Min 10 Sur 10					
	SE1/4 NE1/4 except that part lying within hwy r/w Subject to existing easements.	7	15.98	Min 10 Sur 10	0%				
	SW1/4 NE1/4	7	40.00	Min 10 Sur 10					
103	NE1/4 NW1/4	7	40.00	Min 10	0%	146			
	NW1/4 NW1/4	7	32.76	Sur 10 Min 10	0%				
	SE1/4 NW1/4	7	40.00	Sur 10 Min 10 Sur 10	0%				
	SW1/4 NW1/4	7	32.75	Min 10 Sur 10	0%				
104						61			
	NE1/4 SE1/4 except that part lying within hwy r/w Subject to existing easements.	7	25.23	Min 10 Sur 10					
	NW1/4 SE1/4 except that part lying within highway r/w	7	30.28	Min 10 Sur 10					
	Subject to existing easements.								
	Part of N1/2 NW1/4 SW1/4 SE1/4 and the SE1/4 NW1/4 SW1/4 SE1/4, all of which lies NW'ly of a li 100 feet. NW'ly of (measured at right angles) and parallel to a line descripted as: beginning at a point on the N & S 1/4 line, which is N 01d08'05" E, 167.97 feet. from the S1/4 corner of said Section 7, thence N 33d04'40" E 1500 feet to a POE	7	3.90	Min 10 Sur 10					
	Part of SW1/4 SW1/4 SE1/4 which lies NW'ly of ali 100 ft NW'ly of (measured at right angles) and parellel to a line described as: beginning at a point on the N & S 1/4 line, which is N 01d08'05" E, 167.97 feet from the S 1/4 corner of said Section 7, thence N 33d04'40" E 1000 feet to a POE	7	0.60	Min 10 Sur 10					
105						146		-	
.00	NE1/4 SW1/4	7	40.00	Min 10	0%				
				Sur 10					
	NW1/4 SW1/4	7	32.73	Min 10	0%				
				Sur 10	0%				

May 14, 2002 Page 18 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oil & Gas Lease A		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres	Equity		Number	Bid	Bid
	Crawford County							
	T25N R03W							
105	(Continued)							
103	SE1/4 SW1/4	7	40.00	Min 100%				
				Sur 100%				
	SW1/4 SW1/4	7	32.72	Min 100%				
				Sur 100%				
106				041 10070	158			
100	NE1/4 SE1/4	18	40.00	Min 100%	1			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Sur 100%	1			
	NW1/4 SE1/4	18	40.00	Min 100%	1			
	144777 3277	10	10.00	Sur 100%				
15	SE1/4 SE1/4 except commencing at SE corner of	18	38.00	Min 100%				
10	section, th N 350 feet, W 250 feet, S 350 feet, E	10	30.00	Sur 0%				
	250 feet to POB			Sui 076				
	Subject to existing easements.							
40	SW4/4 SE4/4	40	40.00	N4:- 10001				
19	SW1/4 SE1/4 Subject to existing easements.	18	40.00	Min 100%				
	oubject to existing easements.			Sur 100%				
N-107					2			
	Part of SE1/4 SE1/4 commencing at the SE	18	2.00	Min 100%				
	cornerof section, th N 350 feet, W 250 feet, 350			Sur 0%				
	feet, E 250 feet to POB							
	Subject to existing easements.							
108					125			
19	N1/2 SE1/4 NW1/4	19	20.00	Min 100%	1			
				Sur 100%				
19	NE1/4 NW1/4	19	40.00	Min 100%	1			
	Subject to existing easements.			Sur 100%	1			
	NW1/4 NW1/4	19	31.94	Min 100%				
	Subject to existing easements.			Sur 100%				
19	SW1/4 NW1/4	19	32.18	Min 100%				
		-		Sur 100%	l			
	Crawford County			1270				
	T25N R04W							
109	1201110711				160			
15	NE1/4 SE1/4	4	40 00	Min 100%				
10		'	.0.00	Sur 0%				
15	NW1/4 SE1/4	4	40 00	Min 100%	1			
10		T	15.00	Sur 0%				
15	SE1/4 SE1/4	4	40 00	Min 100%				
10	JE 17 1 JE 174	-	+0.00	Sur 0%				
15	SW1/4 SE1/4	4	40 00	Min 100%	l			
10	OW 1/4 OL 1/4	+	40.00	Sur 0%				
440		-		Jui U%	80		-	
<b>110</b> 14	NE1/4 NE1/4	8	40.00	Min 1000	!			
14	Subject to existing easements.	0	40.00	Min 100%	1			
				Sur 100%				

May 14, 2002 Page 19 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oll & Gas Lease /		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres		Acres	Number	Bid	Bid
	Crawford County T25N R04W							
<b>110</b> 14	(Continued) NW1/4 NE1/4 Subject to existing easements.	8	40.00	Min 100% Sur 100%	1			
111					120			
14	NE1/4 NE1/4 Subject to existing easements.	9	40.00	Min 100% Sur 100%	1			
14	SE1/4 NE1/4 Subject to existing easements.	9	40.00	Min 100% Sur 100%	1			
14	SW1/4 NE1/4 Subject to existing easements.	9	40.00	Min 100% Sur 100%				
112					80			
14	NW1/4 NW1/4 Subject to existing easements.	9	40.00	Min 100% Sur 100%	1			
14	SE1/4 NW1/4 Subject to existing easements.	9	40.00	Min 100% Sur 100%				
113					80			
14	NE1/4 SE1/4 Subject to existing easements.	9	40.00	Min 100% Sur 100%				
14	NW1/4 SE1/4 Subject to existing easements.	9	40.00	Min 100% Sur 100%	1			
<b>114</b> 14	N1/2 SE1/4 NE1/4 Subject to existing easements.	10	20.00	Min 100% Sur 100%				
14	N1/2 SW1/4 NE1/4	10	20.00	Min 100% Sur 100%				
115					160			
14	NE1/4 NW1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%	1			
14	NW1/4 NW1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%	1			
14	SE1/4 NW1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				
14	SW1/4 NW1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				
<b>116</b> 14	NE1/4 SE1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				
14	NW1/4 SE1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				

May 14, 2002 Page 20 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Description		Lease	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Number	Description	tion	Acres	Equity	Acres	Number	Big	Bia
	Crawford County T25N R04W							
116	(Continued)							
110	SE1/4 SE1/4	10	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
4.4	SW1/4 SE1/4	10	40.00	Min 100%				
14	Subject to existing easements.	10	40.00	Sur 100%				
117	NE4/4 C\\\/4/4	10	40.00	NA: 1000/	80			
14	NE1/4 SW1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				
14	NW1/4 SW1/4	10	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
118					20			
	S1/2 SE1/4 NW1/4	11	20.00	Min 100%	1			
				Sur 100%				
119	NE1/4 SE1/4	11	40.00	Min 100%	160			
	Subject to existing easements.	' '	40.00	Sur 100%				
	NW1/4 SE1/4	11	40.00	Min 100%	1			
	SE1/4 SE1/4	11	40.00	Sur 100% Min 100%	1			
	Subject to existing easements.	' '	40.00	Sur 100%				
	010/4/4 054/4	4.4	40.00					
	SW1/4 SE1/4	11	40.00	Min 100% Sur 100%				
120				3ul 100 /6	120			
19	NE1/4 NE1/4	12	40.00	Min 100%	1			
	Subject to existing easements.			Sur 100%	l			
	SE1/4 NE1/4	12	40 00	Min 100%				
	Subject to existing easements.		10.00	Sur 100%	1			
19	SW1/4 NE1/4	12	40.00					
19	SVV 1/4 INE 1/4	12	40.00	Min 100% Sur 100%				
121				341 100 /6	40			
19	SE1/4 NW1/4	12	40.00	Min 100%	-			
				Sur 100%				
122					40			
	NW1/4 SE1/4	12	40.00	Min 100%				
400				Sur 100%				
<b>123</b> 19	NE1/4 SW1/4	12	40 00	Min 100%	120			
13		12	10.00	Sur 100%	1			
19	NW1/4 SW1/4	12	40.00	Min 100%	1			
	Subject to existing easements.			Sur 100%	1			

May 14, 2002 Page 21 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oli & Gas Lease A	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Crawford County T25N R04W							
123	(Continued) SW1/4 SW1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
124	NE1/4 NE1/4	13	40.00	Min 100% Sur 100%	1			
	NW1/4 NE1/4	13	40.00	Min 100% Sur 100%				
	SE1/4 NE1/4	13	40.00	Min 100%				
	SW1/4 NE1/4	13	40.00	Sur 100% Min 100% Sur 100%				
125	NE1/4 NW1/4	13	40.00	Min 100% Sur 100%	160			
	NW1/4 NW1/4 Subject to existing easements.	13	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	13	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4 Subject to existing easements.	13	40.00	Min 100% Sur 100%				
<b>126</b> 15	NE1/4 SE1/4 except that part lying within highway r/w Subject to existing easements.	13	31.99	Min 100% Sur 100%	1			
	NW1/4 SE1/4	13	40.00	Min 100% Sur 100%				
N-127	Part NE1/4 SE1/4 lying within highway r/w Subject to existing easements.	13	8.01	Min 100% Sur 0%	1			
128	NE1/4 NE1/4 Subject to existing easements.	14	40.00	Min 100% Sur 100%	l			
	NW1/4 NE1/4	14	40.00	Min 100% Sur 100%				
	SE1/4 NE1/4 Subject to existing easements.	14	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	14	40.00	Min 100% Sur 100%				
129	SE1/4 NW1/4	14	40.00	Min 100% Sur 100%	40			

May 14, 2002 Page 22 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Number	Description	LUUII		FOI IIIV	Acres	Number	Bid	Bid
	Crowford County		70163	Equity	Acres	INGILIDEI	וטוע	וטוע
	Crawford County T25N R04W							
130	123N NO4VV	<del> </del>			160			
130	NE1/4 SE1/4	14	40.00	Min 100%	1			
	Subject to existing easements.			Sur 100%				
	NW1/4 SE1/4	14	40.00	Min 100%				
	174 SE 174	14	40.00	Sur 100%	1			
	SE1/4 SE1/4	14	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 SE1/4	14	40 00	Min 100%				
	Subject to existing easements.		10.00	Sur 100%	1			
		-			ļ			
131	NE1/4 SW1/4	14	40.00	Min 100%	160			
	NL 1/4 3W 1/4	14	40.00	Sur 100%				
	NW1/4 SW1/4	14	40.00	Min 100%				
	Subject to existing easements.			Sur 100%	1			
	SE1/4 SW1/4	14	40.00	Min 100%				
	Subject to existing easements.	14	40.00	Sur 100%	1			
	SW1/4 SW1/4 Subject to existing easements.	14	40.00	Min 100%	1			
	Casposite exeming easements.			Sur 100%	)			
132					80			
14	NE1/4 NE1/4 Subject to existing easements.	15	40.00	Min 100%				
	oubject to existing easements.			Sur 100%				
14	NW1/4 NE1/4	15	40.00	Min 100%	1			
	Subject to existing easements.			Sur 100%				
133					114			
10	NE1/4 SW1/4	19	40.00	Min 100%	,			
				Sur 100%				
10	NW1/4 SW1/4 Subject to existing easements.	19	36.93	Min 100%				
	Cubject to existing casements.			Sur 100%				
10	SW1/4 SW1/4	19	36.68	Min 100%	1			
	Subject to existing easements.			Sur 100%				
134					160			
	NE1/4 NE1/4	23	40.00	Min 100%	,			
	Subject to existing easements.			Sur 100%	,			
	NW1/4 NE1/4	23	40.00	Min 100%	,			
	Subject to existing easements.			Sur 100%				
	SE1/4 NE1/4	23	40.00	Min 100%				
	Subject to existing easements.		. 5.00	Sur 100%	1			
	SW/1/4 NIE1/4	22	40.00					
	SW1/4 NE1/4	23	40.00	Min 100% Sur 100%				

May 14, 2002 Page 23 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Crawford County			¬ ¬ ¬ '' J	7.3.30			
	T25N R04W							
135					120			
	NE1/4 SE1/4	23	40.00	Min 100%	,			
	Subject to existing easements.			Sur 100%	,			
	NW1/4 SE1/4	23	40.00	Min 100%	,			
				Sur 100%	1			
	SW1/4 SE1/4	23	40.00	Min 100%	,			
	Subject to existing easements.			Sur 100%	,			
N-136					40			
	Part of SE1/4 SE1/4 lying within Highway r/w	23	8.48	Min 100%				
	Subject to existing easements.			Sur 0%	,			
	SE1/4 SE1/4 except that part lying within highway	23	31 52	Min 100%				
	r/w			Sur 100%				
	Subject to existing easements.							
N-137					80			
·•·	NW1/4 NE1/4 except that part lying within highway	24	25.20	Min 100%	1			
	r/w			Sur 100%	,			
	Subject to existing easements.							
	Part of NW1/4 NE1/4 lying within highway r/w	24	14.80	Min 100%	,			
	Subject to existing easements.			Sur 0%				
	SW1/4 NE1/4 except that part lying within highway	24	35.00	Min 100%				
	r/w			Sur 100%				
	Subject to existing easements.							
	That part SW1/4 NE1/4 lying within highway r/w	24	5.00	Min 100%	,			
	Subject to existing easements.			Sur 0%				
138					144			
130	NE1/4 NW1/4 except that part lying within highway	24	37.88	Min 100%	1			
	r/w			Sur 100%				
	Subject to existing easements.							
	NW1/4 NW1/4	24	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SE1/4 NW1/4 except that part lying within highway	24	25 20	Min 100%				
	r/w			Sur 100%				
	Subject to existing easements.							
	SW1/4 NW1/4	24	40.00	Min 100%	,			
	Subject to existing easements.			Sur 100%	1			
N 120					17		-	
N-139	That part NE1/4 NW1/4 lying within highway r/w	24	2 12	Min 100%	1			
	Subject to existing easements.		2.12	Sur 0%				
	TI OF A/A NEW / A		4					
	That part SE1/4 NW1/4 lying within highway r/w Subject to existing easements.	24	14.80	Min 100%				
	Casjoot to Oxiding easements.			Sur 0%				

May 14, 2002 Page 24 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Paradiation.		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Crawford County							
	T25N R04W							
N-140	NE4/4 CE4/4	24	40.00	NA: 1000/	160			
	NE1/4 SE1/4 Subject to existing easements.	24	40.00	Min 100% Sur 100%				
	Justice chaining customer.			Sui 100%				
	NW1/4 SE1/4	24	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SE1/4 SE1/4	24	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 SE1/4	24	40.00	Min 100%				
	Subject to existing easements.		10.00	Sur 100%				
N-141	NEA/A CIN/A/A greent that north in a within high resu	0.4	20.00	NA: 1000/	80			
	NE1/4 SW1/4 except that part lying within highway	24	29.88	Min 100% Sur 100%				
	Subject to existing easements.			Sui 100%				
	Dest NEA/A CWA/A bits a within birdown of	0.4	40.40					
	Part NE1/4 SW1/4 lying within highway r/w Subject to existing easements.	24	10.12	Min 100% Sur 0%				
				Sui 0%				
	SE1/4 SW1/4	24	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-142					120			
	NW1/4 NE1/4	25	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SE1/4 NE1/4	25	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 NE1/4	25	40.00	Min 1000/				
	Subject to existing easements.	25	40.00	Min 100% Sur 100%				
	. 0			Jul 100 /0				
N-143		_	_		159			
	A strip of land in the NE1/4 NW1/4, 200 ft widelying E of and adjacent to a line 127 ft E of	25	3.68	Min 100%				
	and parallel to existing centerline of US-27 and			Sur 100%				
	NE'ly of a line drawn at right angles to said							
	centerline of US-27 and 800 ft SW'ly from its intersection with the N section line of Sec. 25							
	Subject to existing easements.							
	\		00.00					
	NE1/4 of NW1/4 except a strip of land in the NE1/4 NW1/4 200 ft wide lying East of and	25	36.32	Min 100%				
	adjacent to a line 127 ft East of and parallel to			Sur 100%				
	existing centerline of US-27 and NE'ly of a line							
	drawn at right angles to said centerline of US-27 and 800 ft SW'ly from its intersection with the							
	North section line of Sec. 25.							
	Subject to existing easements.							
					1			

May 14, 2002 Page 25 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Crawford County T25N R04W							
N-143	(Continued) NW1/4 NW1/4 except that part lying within highway r/w Subject to existing easements.	25	38.13	Min 100% Sur 100%				
	SE1/4 NW1/4 Subject to existing easements.	25	40.00	Min 100% Sur 100%	1			
	SW1/4 NW1/4 Subject to existing easements.	25	40.00	Min 100% Sur 100%	1			
N-144	NE1/4 SW1/4	25	40.00	Min 100% Sur 100%	1			
	NW1/4 SW1/4 Subject to existing easements.	25	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4 Subject to existing easements.	25	40.00	Min 100% Sur 100%	1			
	SW1/4 SW1/4 Subject to existing easements.	25	40.00	Min 100% Sur 100%	1			
145	NW1/4 NE1/4 except that part lying within highway r/w Subject to existing easements.	26	37.46	Min 100% Sur 100%				
N-146	NE1/4 NE1/4 except that part lying within highway r/w Subject to existing easements.	26	17.63	Min 100% Sur 100%				
	SE1/4 NE1/4 except that part lying within highway r/w Subject to existing easements.	26	38.08	Min 100% Sur 100%				
	SW1/4 NE1/4 except that part lying within highway r/w Subject to existing easements.	26	20.63	Min 100% Sur 100%				
N-147	NE1/4 SE1/4 Subject to existing easements.	26	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4 except that part lying within highway r/w Subject to existing easements.	26	33.72	Min 100% Sur 100%	1			
	SE1/4 SE1/4 Subject to existing easements.	26	40.00	Min 100% Sur 100%	1			

May 14, 2002 Page 26 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oil & Gas Lease A	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Crawford County T25N R04W							
N-147	(Continued) SW1/4 SE1/4 Subject to existing easements.	26	40.00	Min 100% Sur 100%				
<b>148</b> 19	NW1/4 SW1/4 Subject to existing easements.	26	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4 except that part lying within highway r/w Subject to existing easements.	26	29.57	Min 100% Sur 100%				
N-149	NE1/4 SW1/4 except that part lying within highway r/w Subject to existing easements.	26	22.72	Min 100% Sur 100%				
	SE1/4 SW1/4 except that part lying within highway r/w Subject to existing easements.	26	29.57	Min 100% Sur 100%				
<b>150</b> 14	NW1/4 SW1/4 Subject to existing easements.	29	40.00	Min 100% Sur 100%				
14	SE1/4 SW1/4 Subject to existing easements.	29	40.00	Min 100% Sur 100%				
14	SW1/4 SW1/4 Subject to existing easements.	29	40.00	Min 100% Sur 100%				
<b>151</b> 16	NE1/4 NE1/4 Subject to existing easements.	30	40.00	Min 100% Sur 100%				
16	NW1/4 NE1/4 Subject to existing easements.	30	40.00	Min 100% Sur 100%				
16	SE1/4 NE1/4	30		Min 100% Sur 100%				
16	SW1/4 NE1/4	30	40.00	Min 100% Sur 100%				
<b>152</b> 16	NE1/4 NW1/4 Subject to existing easements.	30	40.00	Min 100% Sur 100%				
16	NW1/4 NW1/4 Subject to existing easements.	30	36.39	Min 100% Sur 100%				
16	SE1/4 NW1/4	30	40.00	Min 100% Sur 100%				

May 14, 2002 Page 27 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oli & Gas Lease A		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres		Acres	Number	Bid	Bid
	Crawford County T25N R04W							
<b>152</b> 16	(Continued) SW1/4 NW1/4 Subject to existing easements.	30	36.09	Min 100% Sur 100%				
<b>153</b> 16	SW1/4 SE1/4	30	40.00	Min 100% Sur 100%	40			
<b>154</b> 14	NE1/4 NE1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%	160			
14	NW1/4 NE1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%				
14 19	SE1/4 NE1/4 Subject to existing easements.	32		Min 100% Sur 100%				
14 19	SW1/4 NE1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%				
<b>155</b> 14 19	NE1/4 NW1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%	160			
14 19	NW1/4 NW1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%				
14 19	SE1/4 NW1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%				
14 19	SW1/4 NW1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%				
<b>156</b> 14	NE1/4 SE1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%				
14	NW1/4 SE1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%				
14	SE1/4 SE1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%				
14	SW1/4 SE1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%				
157					80			
14	SE1/4 NE1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%				
14	SW1/4 NE1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%				

May 14, 2002 Page 28 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	ering   Sec-  Lease   Bid   Bidder   Per Acre   Tota								
Number	Description		Acres	Equity	Acres	Number	Bid	Bid	
	Crawford County T25N R04W								
158					160				
14 19	NE1/4 NW1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
14	NW1/4 NW1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
14 19	SE1/4 NW1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
14 19	SW1/4 NW1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
159					160				
14	NE1/4 SE1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
14 19	NW1/4 SE1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
14	SE1/4 SE1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
14	SW1/4 SE1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
160					160				
14 19	NE1/4 SW1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
14	NW1/4 SW1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
14	SE1/4 SW1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
14 19	SW1/4 SW1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%					
<b>161</b>	NE1/4 NE1/4 except that part lying within Highway r/w Subject to existing easements.	34	38.82	Min 100% Sur 100%	99				
14	SE1/4 NE1/4 except that part lying within highway r/w Subject to existing easements.	34	20.00	Min 100% Sur 100%					
14	SW1/4 NE1/4 Subject to existing easements.	34	40.00	Min 100% Sur 100%					
<b>162</b>	SE1/4 NW1/4 Subject to existing easements.	34	40.00	Min 100% Sur 100%	80				

May 14, 2002 Page 29 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres	Equity	Bid	Bidder Number	Per Acre Bid	Total Bid
		uon	Acies	Lquity	Acres	Number	I DIU	טוט
	Crawford County T25N R04W							
162	(Continued)							
14	SW1/4 NW1/4	34	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
163					33			
14	NE1/4 SE1/4 except that part lying within highway r/w	34	0.13	Min 100%				
	Subject to existing easements.			Sur 100%				
14	NW1/4 SE1/4 except that part lying within highway	34	31.91	Min 100%				
	r/w			Sur 100%				
	Subject to existing easements.							
N-164					55			
	SE1/4 SE1/4 except that part lying within highway r/w	34	26.71	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 SE1/4 except that part lying within highway	34	27.55	Min 100%				
	r/w			Sur 100%				
	Subject to existing easements.							
165					80			
14	NE1/4 SW1/4 Subject to existing easements.	34	40.00	Min 100%				
				Sur 100%				
14	NW1/4 SW1/4 Subject to existing easements.	34	40.00	Min 100%				
				Sur 100%				
N-166	SE1/4 SW1/4	34	40.00	Min 100%	80			
	Subject to existing easements.	34	40.00	Sur 100%				
	SW1/4 SW1/4	34	40.00	Min 100%				
	Subject to existing easements.	34	40.00	Sur 100%				
N-167					120			
14-10/	NE1/4 NE1/4	35	40.00	Min 100%	1			
	Subject to existing easements.			Sur 100%				
	NW1/4 NE1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 NE1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-168		<u> </u>			141			-
	NE1/4 NW1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 NW1/4 except that part lying within	35	24.43	Min 100%				
	highway r/w Subject to existing easements.			Sur 100%				

May 14, 2002 Page 30 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oii & Gas Lease F		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres		Acres	Number	Bid	Bid
	Crawford County							
	T25N R04W							
N-168	(Continued)							
	SE1/4 NW1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 NW1/4 except that part lying within	35	36.53	Min 100%				
	highway r/w			Sur 100%				
	Subject to existing easements.							
N-169		-			160			
14 100	NE1/4 SW1/4	35	40.00	Min 100%	ł			
	Subject to existing easements.			Sur 100%				
	NW1/4 SW1/4	35	40.00	Min 100%				
	Subject to existing easements.	33	40.00	Sur 100%				
				Sui 100 /6				
	SE1/4 SW1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 SW1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-170		<del> </del>			160			
14-170	NE1/4 NW1/4	36	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NNA/4 /4 NNA/4 /4	20	40.00					
	NW1/4 NW1/4 Subject to existing easements.	36	40.00	Min 100%				
	casjest to showing oddomente.			Sur 100%				
	SE1/4 NW1/4	36	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 NW1/4	36	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				

May 14, 2002 Page 31 of 82

State Of Michigan Department of Natural Resources

# **Mineral Auction Catalog**

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		-	Bidder Number	Per Acre Bid	Total Bid
	Gladwin County T17N R02E							
171	NE1/4 NW1/4 NW1/4 NW1/4	20 20		Min 100% Sur 100% Min 100% Sur 100%				

May 14, 2002 Page 32 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	g   Sec-  Lease   Bid Bidder   Per Acre   Total										
Offering Number	Description		Lease Acres		Acres	Number	Bid	Bid			
			. 10.00	-44	. 10/00	. 10001	12.0				
	Grand Traverse County										
	T26N R11W										
172					40						
	SW1/4 SE1/4	14	40.00	Min 100%							
				Sur 100%							
	Grand Traverse County										
	T26N R12W										
N-173					2						
-	A strip of land 66 feet wide in the SW1/4	1	2.00	Min 100%							
	NE1/4and in the extreme SE cor of Govt Lot 3, the			Sur 0%							
	course and c/l of which follows the present										
	location of an existing road from near the NE cor of said SW1/4 NE1/4, insofar as it is feasible to										
	do so, to the SE cor of said Govt Lot 3										
	25, 15 11.5 52 53. 5. 53.4 557. 257. 5										
N-174					1						
	A strip of land 1 1/2 rods off E end of NW1/4	25	0.74	Min 100%							
	NE1/4 and exc a strip of land 1 1/2 rods long and			Sur 0%							
	1 1/2 rods wide in SE cor of NW1/4 NE1/4										
N-175					40						
14-113	SE1/4 NE1/4	26	40 00	Min 100%	_						
		20	10.00	Sur 0%							
	Grand Traverse County	-		370							
	1										
450	T27N R09W				7.						
176	NN4/4 014/4	40	40.00		70						
15	NW1/4 SW1/4	16	40.00	Min 100%							
				Sur 100%							
15	SW1/4 SW1/4 except S 330 feet	16	30.00	Min 100%	1						
				Sur 100%	<del> </del>						
N-177					10						
	S 330 feet of SW1/4 SW1/4	16	10.00	Min 100%							
				Sur 0%							

May 14, 2002 Page 33 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres			sid Acres	Bidder Number	Per Acre Bid	Total Bid
	losco County								
	T21N R05E								
178						80			
	SE1/4 SE1/4	33	40.00	Min 10	0%				
				Sur	0%				
	SW1/4 SE1/4	33	40.00	Min 10	0%				
				Sur	0%				
179						41			
	NW1/4 SW1/4	33	40.00	Min 10	0%				
				Sur	0%				
	Part of S1/2 SW1/4 commencing at SE corner of	33	0.75	Min 10	0%				
	said 80 acres th N 150 ft th W 216 ft th S 150 ft th E 216 ft to POB			Sur	0%				

May 14, 2002 Page 34 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Name	Offering	Description		Lease		Bid	Bidder	Per Acre	Total
180	Number	Description	tion	ACTES	⊏quity	Acres	Number	Bid	Bid
180									
11	180	1251(1105)(				160		-	
Subject to existing easements.		NF1/4 NF1/4	11	40.00	Min 100%				
5 NW1/4 NE1/4 Subject to existing easements.  5 SE1/4 NE1/4 Subject to existing easements.  5 SE1/4 NE1/4 Subject to existing easements.  5 SW1/4 NE1/4 Subject to existing easements.  11 40.00 Min 100% Sur 100%  5 SW1/4 NW1/4 Subject to existing easements.  11 40.00 Min 100% Sur 100%  5 NW1/4 NW1/4 Subject to existing easements.  11 40.00 Min 100% Sur 100%  5 SE1/4 NW1/4 Subject to existing easements.  11 40.00 Min 100% Sur 100%  5 SW1/4 NW1/4 Subject to existing easements.  11 40.00 Min 100% Sur 100%  18 Sur 100%  18 Sur 100%  18 Sur 100%  19 Sur 100%  10 Min 100% Sur 100%  10 Min 100% Sur 100%  11 40.00 Min 100% Sur 100%  12 Subject to existing easements.  11 40.00 Min 100% Sur 100%  18 Sur 100%  18 Sur 100%  18 Sur 100%  18 Sur 100%  19 Sur 100%  10 Min 100% Sur 100%  11 40.00 Min 100% Sur 100% Sur 100%  12 Subject to existing easements.  13 Subject to existing easements.  14 40.00 Min 100% Sur 100% Sur 100%  18 Subject to existing easements.  15 SW1/4 SW1/4 Subject to existing easements.  16 NE1/4 NW1/4 Subject to existing easements.  17 M0.00 Min 100% Sur 100% S				.0.00	1				
Subject to existing easements.	_								
SE1/4 NE1/4   Subject to existing easements.	5		11	40.00	1	l			
Subject to existing easements.		Subject to existing easements.			Sur 100%				
5       SW1/4 NE1/4 Subject to existing easements.       11       40.00       Min 100% Sur 100%         181       15       NE1/4 NW1/4 Subject to existing easements.       11       40.00       Min 100% Sur 100%         5       NW1/4 NW1/4 Subject to existing easements.       11       40.00       Min 100% Sur 100%         5       SE1/4 NW1/4 Subject to existing easements.       11       40.00       Min 100% Sur 100%         5       SW1/4 NW1/4 Subject to existing easements.       11       40.00       Min 100% Sur 100%         182       11       40.00       Min 100% Sur 100%         5       NE1/4 SE1/4 Subject to existing easements.       11       40.00       Min 100% Sur 100%         183       11       40.00       Min 100% Sur 100%       160         5       NE1/4 SW1/4 Subject to existing easements.       11       40.00       Min 100% Sur 100%         5       SE1/4 SW1/4 Subject to existing easements.       11       40.00       Min 100% Sur 100%         5       SW1/4 SW1/4 Subject to existing easements.       11       40.00       Min 100% Sur 100%         5       NE1/4 NW1/4 Subject to existing easements.       14       40.00       Min 100% Sur 100%         5       NE1/4 NW1/4 Subject to existing easements.       14       40.	5	SE1/4 NE1/4	11	40.00	Min 100%				
Subject to existing easements.   Sur 100%   160		Subject to existing easements.			Sur 100%				
Subject to existing easements.   Sur 100%   160	5	SW1/4 NF1/4	11	40.00	Min 100%				
181	Ū		' '	10.00					
5 NE1/4 NW1/4 Subject to existing easements.  5 NW1/4 NW1/4 Subject to existing easements.  5 SE1/4 NW1/4 Subject to existing easements.  5 SE1/4 NW1/4 Subject to existing easements.  6 SW1/4 NW1/4 Subject to existing easements.  7 SW1/4 NW1/4 Subject to existing easements.  8 NE1/4 SE1/4 Subject to existing easements.  8 NE1/4 SW1/4 Subject to existing easements.  8 NE1/4 SW1/4 Subject to existing easements.  9 NE1/4 SW1/4 Subject to existing easements.  10 W1/4 SW1/4 Subject to existing easements.  11 W1 W1/4 SW1/4 Subject to existing easements.  12 W1/4 SW1/4 Subject to existing easements.  13 W1/4 SW1/4 Subject to existing easements.  14 W1 W1/4 SW1/4 Subject to existing easements.  15 SE1/4 SW1/4 Subject to existing easements.  16 SW1/4 SW1/4 Subject to existing easements.  17 W1/4 SW1/4 Subject to existing easements.  18 W1/4 SW1/4 Subject to existing easements.  18 W1/4 SW1/4 Subject to existing easements.  19 W1/4 SW1/4 Subject to existing easements.  10 W1/4 SW1/4 Subject to existing easements.  10 W1/4 SW1/4 Subject to existing easements.  11 W1 W1/4 SW1/4 SW1/4 W1/4 W1/4 W1/4 W1/4 W1/4 W1/4 W1/4		-			001 10070				
Subject to existing easements.  5				40.5		1			
5 NW1/4 NW1/4 Subject to existing easements.  5 SE1/4 NW1/4 Subject to existing easements.  5 SW1/4 NW1/4 Subject to existing easements.  11 40.00 Min 100% Sur 100% Sur 100%  5 SW1/4 NW1/4 Subject to existing easements.  11 40.00 Min 100% Sur 100%  182	5		11	40.00					
Subject to existing easements.   Sur 100%		Subject to existing easements.			Sur 100%				
5 SE1/4 NW1/4 Subject to existing easements.  11 40.00 Min 100% Sur 100%  182	5		11	40.00	Min 100%				
Subject to existing easements.		Subject to existing easements.			Sur 100%				
Subject to existing easements.	5	SF1/4 NW1/4	11	40.00	Min 100%				
5       SW1/4 NW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         182       NE1/4 SE1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         15       NE1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         5       NW1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         5       SE1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         5       SW1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         15       SW1/4 SW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         184       NE1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         5       NW1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         5       SE1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         5       SE1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%	Ü		' '	10.00	1				
Subject to existing easements.   Sur 100%									
182       NE1/4 SE1/4       11       40.00 Min 100% Sur 100%         183       160       11       40.00 Min 100% Sur 100%         5 NE1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         5 NW1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         5 SE1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         5 SW1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         15 Subject to existing easements.       14       40.00 Min 100% Sur 100%         15 NE1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         5 NW1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         5 SE1/4 NW1/4       14       40.00 Min 100% Sur 100%         5 SE1/4 NW1/4       14       40.00 Min 100% Sur 100%	5		11	40.00					
5       NE1/4 SE1/4       11       40.00       Min 100%       Sur 100%         183       1       40.00       Min 100%       Min 100%       Sur 100%         15       NE1/4 SW1/4       11       40.00       Min 100%       Sur 100%         5       NW1/4 SW1/4       11       40.00       Min 100%       Sur 100%         15       Subject to existing easements.       11       40.00       Min 100%       Sur 100%         15       SW1/4 SW1/4       11       40.00       Min 100%       Sur 100%         15       SW1/4 SW1/4       14       40.00       Min 100%       Sur 100%         184       15       NE1/4 NW1/4       14       40.00       Min 100%       Sur 100%         15       NW1/4 NW1/4       14       40.00       Min 100%       Sur 100%         5       NW1/4 NW1/4       14       40.00       Min 100%       Sur 100%         5       SE1/4 NW1/4       14       40.00       Min 100%       Sur 100%		Subject to existing easements.			Sur 100%				
183       Sur 100%         5       NE1/4 SW1/4       11       40.00 Min 100% Sur 100%         15       Subject to existing easements.       11       40.00 Min 100% Sur 100%         5       NW1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         5       SE1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         5       SW1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         184       NE1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         5       NW1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         5       SE1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         5       SE1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%	182					40			
183       160         5       NE1/4 SW1/4 Subject to existing easements.       11 40.00 Min 100% Sur 100%         5       NW1/4 SW1/4 Subject to existing easements.       11 40.00 Min 100% Sur 100%         5       SE1/4 SW1/4 Subject to existing easements.       11 40.00 Min 100% Sur 100%         5       SW1/4 SW1/4 Subject to existing easements.       11 40.00 Min 100% Sur 100%         15       Subject to existing easements.       14 40.00 Min 100% Sur 100%         15       NE1/4 NW1/4 Subject to existing easements.       14 40.00 Min 100% Sur 100%         5       NW1/4 NW1/4 Subject to existing easements.       14 40.00 Min 100% Sur 100%         5       SE1/4 NW1/4 Subject to existing easements.       14 40.00 Min 100% Sur 100%         5       SE1/4 NW1/4 Subject to existing easements.       14 40.00 Min 100% Sur 100%			11	40.00	Min 100%				
5       NE1/4 SW1/4       11       40.00       Min 100%         5       NW1/4 SW1/4       11       40.00       Min 100%         5       SU 100%       Sur 100%         5       SE1/4 SW1/4       11       40.00       Min 100%         5       SW1/4 SW1/4       11       40.00       Min 100%         15       Swiject to existing easements.       11       40.00       Min 100%         5       SW1/4 SW1/4       11       40.00       Min 100%         5       Sur 100%       Sur 100%         15       Subject to existing easements.       14       40.00       Min 100%         5       NW1/4 NW1/4       14       40.00       Min 100%         5       NW1/4 NW1/4       14       40.00       Min 100%         5       SE1/4 NW1/4       14       40.00       Min 100%         5       SE1/4 NW1/4       14       40.00       Min 100%	15	Subject to existing easements.			Sur 100%				
5       NE1/4 SW1/4       11       40.00       Min 100%         5       NW1/4 SW1/4       11       40.00       Min 100%         5       SU 100%       Sur 100%         5       SE1/4 SW1/4       11       40.00       Min 100%         5       SW1/4 SW1/4       11       40.00       Min 100%         15       Swiject to existing easements.       11       40.00       Min 100%         5       SW1/4 SW1/4       11       40.00       Min 100%         5       Sur 100%       Sur 100%         15       Subject to existing easements.       14       40.00       Min 100%         5       NW1/4 NW1/4       14       40.00       Min 100%         5       NW1/4 NW1/4       14       40.00       Min 100%         5       SE1/4 NW1/4       14       40.00       Min 100%         5       SE1/4 NW1/4       14       40.00       Min 100%	183					160			
Subject to existing easements.   Sur 100%		NE1/4 SW1/4	11	40.00	Min 100%				
15       Subject to existing easements.       Sur 100%         5       SE1/4 SW1/4 Subject to existing easements.       11 40.00 Min 100% Sur 100%         5       SW1/4 SW1/4 Subject to existing easements.       11 40.00 Min 100% Sur 100%         184       160 Min 100% Sur 100%         5       NE1/4 NW1/4 Subject to existing easements.       14 40.00 Min 100% Sur 100% Sur 100%         5       NW1/4 NW1/4 Subject to existing easements.       14 40.00 Min 100% Sur 100%         5       SE1/4 NW1/4       14 40.00 Min 100%	15	Subject to existing easements.							
15       Subject to existing easements.       Sur 100%         5       SE1/4 SW1/4 Subject to existing easements.       11 40.00 Min 100% Sur 100%         5       SW1/4 SW1/4 Subject to existing easements.       11 40.00 Min 100% Sur 100%         184       160 Min 100% Sur 100%         5       NE1/4 NW1/4 Subject to existing easements.       14 40.00 Min 100% Sur 100% Sur 100%         5       NW1/4 NW1/4 Subject to existing easements.       14 40.00 Min 100% Sur 100%         5       SE1/4 NW1/4       14 40.00 Min 100%	_	NIM4 /4 CM4 /4	4.4	40.00					
5 SE1/4 SW1/4 Subject to existing easements.  5 SW1/4 SW1/4 Subject to existing easements.  5 SW1/4 SW1/4 Subject to existing easements.  11 40.00 Min 100% Sur 100%  15 Subject to existing easements.  160  184  5 NE1/4 NW1/4 Subject to existing easements.  14 40.00 Min 100% Sur 100%  5 NW1/4 NW1/4 Subject to existing easements.  14 40.00 Min 100% Sur 100%  5 SE1/4 NW1/4 14 40.00 Min 100%  5 SE1/4 NW1/4 14 40.00 Min 100%			11	40.00					
15       Subject to existing easements.       Sur 100%         5       SW1/4 SW1/4 Subject to existing easements.       11       40.00 Min 100% Sur 100%         184       160         5       NE1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         5       NW1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100% Sur 100%         5       SE1/4 NW1/4       14       40.00 Min 100% Min 100%		,			Jul 100%				
5 SW1/4 SW1/4 Subject to existing easements.  11 40.00 Min 100% Sur 100%  184			11	40.00	Min 100%				
15 Subject to existing easements.  184 5 NE1/4 NW1/4 Subject to existing easements.  14 40.00 Min 100% Sur 100%  5 NW1/4 NW1/4 Subject to existing easements.  14 40.00 Min 100% Sur 100%  5 SE1/4 NW1/4 14 40.00 Min 100%	15	Subject to existing easements.			Sur 100%				
15 Subject to existing easements.  184 5 NE1/4 NW1/4 Subject to existing easements.  14 40.00 Min 100% Sur 100%  5 NW1/4 NW1/4 Subject to existing easements.  14 40.00 Min 100% Sur 100%  5 SE1/4 NW1/4 14 40.00 Min 100%	5	SW1/4 SW1/4	11	40.00	Min 100%				
5       NE1/4 NW1/4       14       40.00 Min 100%         5       Subject to existing easements.       14       40.00 Min 100%         5       NW1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100%         5       SE1/4 NW1/4       14       40.00 Min 100%		Subject to existing easements.							
5       NE1/4 NW1/4       14       40.00 Min 100%         5       Subject to existing easements.       14       40.00 Min 100%         5       NW1/4 NW1/4 Subject to existing easements.       14       40.00 Min 100%         5       SE1/4 NW1/4       14       40.00 Min 100%	404								
15 Subject to existing easements.  5 NW1/4 NW1/4 Subject to existing easements.  14 40.00 Min 100% Sur 100%  5 SE1/4 NW1/4 14 40.00 Min 100%		NE1/4 NW/1/4	4.4	40.00	Min 1000	}			
5 NW1/4 NW1/4 Subject to existing easements.  14 40.00 Min 100% Sur 100%  5 SE1/4 NW1/4  14 40.00 Min 100%			14	40.00					
Subject to existing easements.       Sur 100%         5       SE1/4 NW1/4       14 40.00 Min 100%		, 9			Jul 100%				
5 SE1/4 NW1/4 14 40.00 Min 100%	5		14	40.00		1			
		Subject to existing easements.			Sur 100%				
	5	SE1/4 NW1/4	14	40.00	Min 100%				
	-				1				
					Jul 100 /6				

May 14, 2002 Page 35 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Kalkaska County	1001	TOPO	<u>-quity</u>	70169	Number	DIG	וטוע
	T25N R05W							
184	(Continued)							
5	SW1/4 NW1/4	14	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
185					160			
5 15	NE1/4 SE1/4	14	40.00	Min 100%				
15	Subject to existing easements.			Sur 100%				
5	NW1/4 SE1/4	14	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
5	SE1/4 SE1/4	14	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
5	SW1/4 SE1/4	14	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
186					40			
5	NE1/4 SW1/4	14	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-187					160			
6	NE1/4 NE1/4	23	40.00	Min 100%				
				Sur 100%				
6	NW1/4 NE1/4	23	40.00	Min 100%				
6	SE1/4 NE1/4	23	40.00	Sur 100% Min 100%				
O	SE 1/4 NE 1/4	23	40.00	Sur 100%				
6	SW1/4 NE1/4	23	40.00	Min 100%				
				Sur 100%				
N-188					160			
6	NE1/4 NW1/4	23	40.00	Min 100%				
6	NW1/4 NW1/4	23	40 00	Sur 100% Min 100%				
U	TAVE II T TAVE II T	23	70.00	Sur 100%				
6	SE1/4 NW1/4	23	40.00	Min 100%				
				Sur 100%				
6	SW1/4 NW1/4	23	40.00	Min 100%				
N. 400				Sur 100%				
<b>N-189</b>	NE1/4 SE1/4	23	40.00	Min 100%	159			
Č		23	13.00	Sur 100%				
6	NW1/4 SE1/4	23	40.00	Min 100%				
				Sur 100%				
6	SE1/4 SE1/4	23	40.00	Min 100%				
				Sur 100%				

May 14, 2002 Page 36 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Kalkaska County							
	T25N R05W							
N-189	(Continued)							
6	SW1/4 SE1/4 except commencing at the 1/4 post	23	39.00	Min 100%				
	on the S side of said Sec, th N 16 rods, E 10 rods, S 16 rods, W to the place of beginning, containing			Sur 100%				
	1 acre as conveyed at Liber G of Deeds, Page							
	600, Kalkaska County, Michigan Registry to							
	School District NO. 5, Springfield Township							
N-190		-			160			
6	NE1/4 SW1/4	23	40 00	Min 100%	1			
Ü			10.00	Sur 100%				
6	NW1/4 SW1/4	23	40.00	Min 100%	1			
-				Sur 100%				
6	SE1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				
6	SW1/4 SW1/4	23	40.00	Min 100%	1			
				Sur 100%				
N-191					120			
6	NW1/4 NE1/4	24	40.00	Min 100%				
				Sur 100%				
6	SE1/4 NE1/4	24	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
6	SW1/4 NE1/4	24	40.00	Min 100%				
Ü			10.00	Sur 100%				
N-192					160		-	
6	NE1/4 SE1/4	24	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
6	NNA/4/4 CE4/4	24	40.00	N4:- 1000/				
6	NW1/4 SE1/4	24	40.00	Min 100% Sur 100%				
6	SE1/4 SE1/4	24	40.00	Min 100%				
U	Subject to existing easements.	24	40.00	Sur 100%				
6	SW1/4 SE1/4	24	40.00	Min 100%				
				Sur 100%				
N-193					160			
6	NE1/4 SW1/4	24	40.00	Min 100%				
_	NINA /4 OVM4 /4	0.1	40.00	Sur 100%	l			
6	NW1/4 SW1/4	24	40.00	Min 100%				
•	CEA/A CIMA/A	0.4	40.00	Sur 100%				
6	SE1/4 SW1/4	24	40.00	Min 100%	1			
0	SIMA IA SIMA IA	24	40.00	Sur 100%				
6	SW1/4 SW1/4	24	40.00	Min 100%				
				Sur 100%				

May 14, 2002 Page 37 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	_		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Kalkaska County							
	T27N R06W							
N-194	NE4/4 0E4/4	_	40.00		40			
	NE1/4 SE1/4	5	40.00	Min 100%	1			
N-195				Sur 0%	81			
M- 195	NW1/4 NW1/4	7	40 10	Min 100%	1			
		,	10.10	Sur 100%				
	SW1/4 NW1/4	7	40.30	Min 100%				
				Sur 100%				
196					80			
	NE1/4 SW1/4	10	40.00	Min 100%				
				Sur 0%				
	NW1/4 SW1/4	10	40.00	Min 100%				
				Sur 0%	ļ			
N-197					79			
	NW1/4 NW1/4	30	39.00	Min 100%				
	OF4/4 NINA/4/4	00	40.00	Sur 0%				
	SE1/4 NW1/4	30	40.00	Min 100%	1			
	Kalkaska Caunty			Sur 0%				
	Kalkaska County T27N R07W							
100	12/14 RU/VV				160			
<b>198</b> 15	NE1/4 NE1/4	18	40.00	Min 100%	1			
19	Subject to existing easements.	10	40.00	Sur 100%	1			
20								
15 19	NW1/4 NE1/4 Subject to existing easements.	18	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
15	SE1/4 NE1/4	18	40.00	Min 100%				
	Subject to existing easements.			Sur 0%				
15	SW1/4 NE1/4	18	40 00	Min 100%				
.0	Subject to existing easements.		10.00	Sur 0%				
199	NIE 4 /4 NIVA/4 /4	40	40.00		40			
15 19	NE1/4 NW1/4 Subject to existing easements.	18	40.00	Min 100%	1			
	cusject to existing cusements.			Sur 100%				
N-200					15			
	SW1/4 NW1/4	18	14.94	Min 100%	1			
				Sur 0%				
	Kalkaska County							
	T27N R08W							
201	N=4/4N=4/4		40.00		160			
	NE1/4 NE1/4	33	40.00	Min 100%				
	NIM4/4 NE4/4	20	40.00	Sur 100%	1			
	NW1/4 NE1/4	33	40.00	Min 100%				
			1	Sur 100%	1			1

May 14, 2002 Page 38 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Kalkaska County							
	T27N R08W						-	
201	(Continued)	00	40.00					
	SE1/4 NE1/4	33	40.00	Min 100%				
	SW1/4 NE1/4	33	40.00	Sur 100% Min 100%				
	OW 174 INC 174	33	40.00	Sur 100%				
202				001 10070	80			
8	NW1/4 NE1/4	34	40.00	Min 100%	ł			
15				Sur 100%				
15	SW1/4 NE1/4	34	40.00	Min 100%				
				Sur 0%				
N-203					40			
	NE1/4 NE1/4	34	39.74	Min 100%				
				Sur 100%				
204					160			
15	NE1/4 NW1/4	34	40.00	Min 100%				
				Sur 100%				
15	NW1/4 NW1/4	34	40.00	Min 100%				
15	CE4/4 NIM4/4	24	40.00	Sur 100%				
	SE1/4 NW1/4	34	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	34	40.00	Min 100%				
	OW 1/4 14W 1/4	34	40.00	Sur 100%				
205				001 10070	120			
15	NW1/4 SE1/4	34	40.00	Min 100%	!			
	Subject to existing easements.			Sur 100%				
	SE4/4 SE4/4	24	40.00					
	SE1/4 SE1/4	34	40.00	Min 100%				
	SW1/4 SE1/4	34	40.00	Sur 100% Min 100%				
	Subject to existing easements.	34	+0.00	Sur 100%				
	-							
N-206	NEV4.0544		4.5		40			
	NE1/4 SE1/4 Subject to existing easements.	34	40.00	Min 100%				
	oubject to existing easements.			Sur 100%				
207					160			
	NE1/4 SW1/4	34	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 SW1/4	34	40.00	Min 100%				
				Sur 100%				
	SE1/4 SW1/4	34	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	S10/4 /4 S10/4 /4	24	40.00					
	SW1/4 SW1/4 Subject to existing easements.	34	40.00	Min 100%	1			
	Casjost to existing easements.			Sur 100%				

May 14, 2002 Page 39 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Kalkaska County							
	T27N R08W				40			
<b>208</b> 15	SW1/4 NW1/4	35	40.00	Min 100%	40			
15	3W 1/4 NW 1/4	33	40.00	Sur 100%				
N-209				Out 10076	40			
14-203	NW1/4 NW1/4	35	40.00	Min 100%	1			
				Sur 100%				
210					80			
15	NW1/4 SE1/4	35	40.00	Min 100%				
				Sur 100%	l			
15	SW1/4 SE1/4	35	40.00	Min 100%	1			
				Sur 100%				
N-211	NE4/4 SE4/4	25	40.00	N4:- 1005:	40			
	NE1/4 SE1/4	35	40.00	Min 100%	1			
212				Sur 100%	160			
15	NE1/4 SW1/4	35	40.00	Min 100%	1			
. •				Sur 100%	1			
	NW1/4 SW1/4	35	39.94	Min 100%	i			
				Sur 100%				
	SE1/4 SW1/4	35	40.00	Min 100%				
				Sur 100%				
	SW1/4 SW1/4	35	40.00	Min 100%				
				Sur 100%				
213	NE 4/4 NDA/4/4	00	40.00		160			
15	NE1/4 NW1/4 Subject to existing easements.	36	40.00	Min 100%				
	Cas, control of the same same same same same same same sam			Sur 100%				
	NW1/4 NW1/4	36	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SE1/4 NW1/4	36	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 NW1/4	36	40.00	Min 100%				
			10.00	Sur 100%				
214				222 .0070	40			
15	NW1/4 SW1/4	36	40.00	Min 100%				
				Sur 100%				
	Kalkaska County							
	T28N R05W							
215					120			
15	NE1/4 NE1/4	1	39.57	Min 100%				
20	Subject to existing easements.			Sur 100%				
20	NW1/4 NE1/4	1	39.51	Min 100%				
	Subject to existing easements.			Sur 100%				

May 14, 2002 Page 40 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oli & Gas Lease A	Sec-	Lease	,	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Kalkaska County T28N R05W							
<b>215</b> 20	(Continued) SW1/4 NE1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
N-216	SE1/4 NE1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%	40			
<b>217</b> 19 20	NE1/4 NW1/4 Subject to existing easements.	1	39.46	Min 100% Sur 100%	119			
19	NW1/4 NW1/4	1	39.40	Min 100% Sur 100%				
20	SE1/4 NW1/4	1	0.00	1				
19	SW1/4 NW1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
218	NW1/4 SE1/4	1	40.00	Min 100%	120			
20	SE1/4 SE1/4	1	40.00	Sur 100% Min 100% Sur 100%				
20	SW1/4 SE1/4	1	40.00	Min 100% Sur 100%				
N-219	NE1/4 SE1/4	1	40.00	Min 100% Sur 100%	40			
220	NE1/4 SW1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
19 20	NW1/4 SW1/4	1	40.00	Min 100% Sur 100%				
20	SE1/4 SW1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
19 20	SW1/4 SW1/4	1	40.00	Min 100% Sur 100%				
<b>221</b> 15	NE1/4 NE1/4 Subject to existing easements.	2	39.41	Min 100% Sur 100%	159			
15	NW1/4 NE1/4 Subject to existing easements.	2	39.47	Min 100% Sur 100%				
15	SE1/4 NE1/4 Subject to existing easements.	2	40.00	Min 100% Sur 100%				

May 14, 2002 Page 41 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oil & Gas Lease		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres			Number	Bid	Bid
	Kalkaska County							
	T28N R05W							
221	(Continued)							
15	SW1/4 NE1/4	2	40.00	Min 100%				
				Sur 100%				
222					120			
15	NW1/4 NW1/4	2	39.59	Min 100%				
	Subject to existing easements.			Sur 100%				
15	SE1/4 NW1/4	2	40.00	Min 100%				
				Sur 100%				
15	SW1/4 NW1/4	2	40.00	Min 100%				
				Sur 100%				
223					160			
15 19	NE1/4 SE1/4	2	40.00	Min 100%				
				Sur 100%				
15	NW1/4 SE1/4	2	40.00	Min 100%	1			
	05444.05444		40.00	Sur 100%				
15 19	SE1/4 SE1/4	2	40.00	Min 100%				
	C)N/4 /4 CF4 /4	2	40.00	Sur 100%				
15	SW1/4 SE1/4	2	40.00	Min 100% Sur 100%				
224				3ui 100 /6	80			
<b>224</b> 15	NE1/4 SW1/4	2	40.00	Min 100%	!			
20	THE IT I SWITT	_	10.00	Sur 100%				
15	SE1/4 SW1/4	2	40.00	Min 100%	i .			
				Sur 100%				
225					160			
15	NE1/4 NE1/4	3	39.64	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 NE1/4	3	30.70	Min 100%				
			00.70	Sur 100%				
15	SE1/4 NE1/4	3	40.00	Min 100%	i			
				Sur 100%				
15	SW1/4 NE1/4	3	40.00	Min 100%				
				Sur 100%				
226					160			
15	NE1/4 SE1/4	3	40.00	Min 100%				
				Sur 100%				
15	NW1/4 SE1/4	3	40.00	Min 100%				
				Sur 100%				
15	SE1/4 SE1/4	3	40.00	Min 100%				
	000444 05444		40.55	Sur 100%	i			
15	SW1/4 SE1/4	3	40.00	Min 100%				
				Sur 100%				
<b>227</b> 15	Lot 5	3	30 00	Min 1000/	40			
10	2013	٥	59.90	Min 100% Sur 100%				
		1	I	Jul 100%	I	I		

May 14, 2002 Page 42 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Kalkaska County T28N R05W							
N-228	SW1/4 NW1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				
N-229	SE1/4 NW1/4	28	40.00	Min 100% Sur 100%				
<b>230</b> 15	NE1/4 SW1/4	28	40.00	Min 100% Sur 100%				
<b>231</b> 15	NE1/4 SE1/4	30	40.00	Min 100% Sur 100%				
15	SE1/4 SE1/4 Subject to existing easements.	30	40.00	Min 100% Sur 100%	1			
15	SW1/4 SE1/4 Subject to existing easements.	30	40.00	Min 100% Sur 100%				
<b>232</b> 15	NW1/4 SW1/4	30	40.23	Min 100% Sur 100%				
15	SE1/4 SW1/4 Subject to existing easements.	30	40.00	Min 100% Sur 100%	1			
15	SW1/4 SW1/4 Subject to existing easements.	30	40.37	Min 100% Sur 100%				
<b>233</b> 15	N1/2 N1/2 NE1/4 Subject to existing easements.	31	40.00	Min 100% Sur 100%				
<b>234</b> 15	NE1/4 NW1/4 Subject to existing easements.	31	40.00	Min 100% Sur 100%				
15	NW1/4 NW1/4 Subject to existing easements.	31	40.51	Min 100% Sur 100%	1			
15	SE1/4 NW1/4	31	40.00	Min 100% Sur 100%				
15	SW1/4 NW1/4	31	40.65	Min 100% Sur 100%				
<b>235</b> 15	N1/2 SE1/4 SE1/4 Subject to existing easements.	31	20.00	Min 100% Sur 100%				
<b>236</b> 15	NE1/4 SW1/4	31	40.00	Min 100% Sur 100%	l			

May 14, 2002 Page 43 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Kalkaska County							
	T28N R05W							
236	(Continued)							
15	NW1/4 SW1/4	31	40.79	Min 100%				
				Sur 100%	l			
15	SE1/4 SW1/4	31	40.00	Min 100%	1			
	Subject to existing easements.			Sur 100%				
	SW1/4 SW1/4	31	40.93	Min 100%				
	Subject to existing easements.			Sur 100%				
N. 227		<del> </del>			40			
N-237	NE1/4 NE1/4	32	40.00	Min 100%	1			
	Subject to existing easements.	32	+0.00	Sur 100%	1			
	,	ļ		Odi 10070				
238			4.5 -		80			
15 19	NE1/4 NW1/4 Subject to existing easements.	32	40.00	Min 100%	1			
.0	Subject to existing easements.			Sur 100%				
15	SW1/4 NW1/4	32	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	Kalkaska County	+					-	
	T28N R06W							
239	130110011	+			119		-	
15	NW1/4 NE1/4	1	39.91	Min 100%	1			
19	Subject to existing easements.			Sur 100%	1			
20	SE1/4 NE1/4	1	40.00	N4:- 1000/				
20	SE 1/4 NE 1/4	'	40.00	Min 100% Sur 100%	1			
	SW1/4 NE1/4 excepting all that part lying S'ly of	1	38 10	Min 100%	i			
	the centerline of Starvation Lake Road except the	'	00.10	Sur 100%	1			
	W'ly 66 ft thereof			- Cui 10070				
N-240		+			2			
1 <b>1</b> -240	That part of the SW1/4 NE1/4 lying S'ly of the	1	1 90	Min 100%				
	center line of Starvation Lake Road except the	'	1.50	Sur 0%				
	W'ly 66 ft thereof			070				
241		-			10		-	
<b>24</b> I	E1/2 E1/2 NE1/4 SW1/4	1	10.00	Min 100%	1			
		'	. 5.50	Sur 100%	1			
242		+			38			
15	SW1/4 NW1/4	19	37.87	Min 100%	ł			
20	Subject to existing easements.			Sur 100%				
N-243		-			40		-	
IN-243	SE1/4 NW1/4	19	40.00	Min 100%	1			
	OL 1/4 1999 1/4	19	70.00	Sur 100%	1			
		1	1	Jul 100%		1	1	1

May 14, 2002 Page 44 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oii & Gas Lease A						Per Acre	Total
Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Turnoci		11011	710103	Equity	710103	Trumber	Dia	Did
	Kalkaska County							
	T28N R06W							
<b>244</b> 15	Parcel 30, commencing at SW corner, th N 1232.14' along the W line of said Sec 21 and the c/l of Darragh Rd to pob, th con't N 598.43' along W line of said Sec 21 and the c/l of Darragh Rd, th N 88 deg 41' 32" E 286.98', th S 82 deg 51' 18" E 320.69', th N 66 deg 22' 41" E 461.22', th S 16 deg 04' 13" W 538.94', th S 80 deg 21' 25" W 595.73', th S 66 deg 04' 00" W 325.88' to pob, being a part of SW1/4		10.07	Min 100% Sur 0%				
	Kalkaska County T28N R07W							
245					40			
15	NW1/4 NE1/4	22	40.00	Min 100% Sur 0%				
	Kalkaska County T28N R08W							
N-246	SW1/4 SE1/4, except commencing at the S1/4 corner of said Sec. 24 th S89°02'06"E along the S line of said Section, 1,312.88 feet to the E 1/8 line of said Sec. 24, th N 00°41'36"E along said E 1/8 line 159.64 feet to the centerline of Valley Road for the Point of beginning, th continuing N 00°41'36"E 308.84 feet to the N right-of-way line of the Old Pere Marquette Railroad, th N 52°58'53"W along said right-of-way line 173.24 feet, th S 37°01'07"W 141.41 feet to the centerline of Valley Road, th S46°58'08"E along said centerline 41.07 feet, th SE'ly 334.25 feet along said centerline and the arc of a 791.74 foot radius curve to the right, chord of S 34°52'28"E, 331.78 feet to the said point of beginning	24	19.31	Min 50% Sur 100%				

May 14, 2002 Page 45 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Description		Lease			Bid	Bidder	Per Acre	Total
Number	Description Lake County	tion	Acres	⊏quity		Acres	Number	Bid	Bid
	Lake County T17N R12W								
247						80		-	
1	NW1/4 SE1/4	15	40.00	Min 10	00%				
				Sur	0%				
1	SW1/4 SE1/4	15	40.00	Min 10					
N-248				Sur	0%	80		-	
2	NE1/4 SE1/4	15	40.00	Min 10	00%				
				Sur	0%				
2	SE1/4 SE1/4	15	40.00	Min 10					
240				Sur	0%	80		-	
<b>249</b> 1	SE1/4 SW1/4	15	40.00	Min 10	00%	60			
				Sur	0%				
1	SW1/4 SW1/4	15	40.00	Min 10					
				Sur	0%				
<b>250</b>	SE1/4 NW1/4	23	40.00	Min 10	000/	80			
15	SE 1/4 144V 1/4	23	40.00	Sur	0%				
1	SW1/4 NW1/4	23	40.00	Min 10					
15				Sur	0%				
N-251			40.00			80			
2	NE1/4 NW1/4	23	40.00	Min 10 Sur	00% 0%				
2	NW1/4 NW1/4	23	40.00	Min 10					
				Sur	0%				
252						160			
1 15	NE1/4 SW1/4	23	40.00	Min 10					
1	NW1/4 SW1/4	23	40.00	Sur Min 10					
15			.5.50	Sur					
1	SE1/4 SW1/4	23	40.00	Min 10	00%				
_	00444		46.5-	Sur					
1	SW1/4 SW1/4	23	40.00	Min 10 Sur	00% 0%				
253				Jui	U /0	160		-	
1	NE1/4 NW1/4	26	40.00	Min 10	00%				
				Sur					
1	NW1/4 NW1/4	26	40.00	Min 10					
1	SE1/4 NW1/4	26	40.00	Sur Min 10					
ı	OL 1/4 INVV 1/4	20	40.00	Sur					
1	SW1/4 NW1/4	26	40.00	Min 10					
				Sur					

May 14, 2002 Page 46 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oli & Gas Lease A		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres	Equity	Acres	Number	Bid	Bid
	Lake County T18N R12W							
254	SE1/4 SE1/4	20	40.00	Min 100% Sur 100%				
255	S3/4 NW1/4 NE1/4	27	30.00	Min 100% Sur 100%				
	SE1/4 NE1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
256	NE1/4 SE1/4	27	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4 except 1 acre in SE1/4 SE1/4 SE1/4 for school Subject to existing easements.	27	39.00	Min 100% Sur 100%	6			
	W1/2 NW1/4 SE1/4	27	20.00	Min 100% Sur 100%				
257	E1/2 NE1/4 NW1/4 SE1/4	28	5.00	Min 100% Sur 100%				
	NE1/4 SE1/4 Subject to existing easements.	28	40.00	Min 100% Sur 0%	6			
	W1/2 NE1/4 NW1/4 SE1/4	28	5.00	Min 100% Sur 100%				
	W1/2 SW1/4 NW1/4 SE1/4	28	5.00	Min 100% Sur 100%	6			
258	E1/2 SW1/4 NE1/4 SW1/4 Subject to existing easements.	28	5.00	Min 100% Sur 100%				
259	NE1/4 NE1/4 Subject to existing easements.	29	40.00	Min 100% Sur 100%				
	SE1/4 NE1/4 Subject to existing easements.	29	40.00	Min 100% Sur 100%				
	Und 3/4 int in NW1/4 NE1/4 (40.0 Acres) Subject to existing easements.	29	30.00	Min 100% Sur 100%				
260	NE1/4 SE1/4 Subject to existing easements.	29	40.00	Min 100% Sur 100%				
	Und 3/4 int in NW1/4 SE1/4 (40.0 Acres)	29	30.00	Min 100% Sur 100%				

May 14, 2002 Page 47 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oii & Gas Lease A		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres		Acres	Number	Bid	Bid
	Livingston County							
	T01N R06E							
N-261					160			
	NE1/4 SE1/4	3	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 SE1/4	3	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	054/4.054/4		40.00					
	SE1/4 SE1/4 Subject to existing easements.	3	40.00	Min 100%				
	and the same of th			Sur 100%				
	SW1/4 SE1/4	3	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-262					100			
	NE1/4 SE1/4 except RR r/w	4	37.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	S1/2 SW1/4 SE1/4	4	20.00	Min 100%				
	31/2 300 1/1 32 1/1	•	20.00	Sur 100%				
	SE1/4 SE1/4	4	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	That your NNA/A CEA/A assured by the LO Heave	4	2.50	NA: 1000/				
	That part NW1/4 SE1/4 owned by the J.O. Hearn Co & covered by the waters of Island Lake at high	4	2.50	Min 100% Sur 100%				
	water mark, except the 2 islands in said lake & in			Sul 100%				
	said description property at low watermark							
	Subject to existing easements.							
N-263					43			
	Part of SE1/4 SW1/4 beginning at a point S	4	2.55	Min 100%				
	02d04' E 242 feet of the NE corner of SE1/4			Sur 100%				
	SW1/4, thence S 02d04' E 210 feet, thence S 87d56' W 528 feet, thence N 02d04' W 210 feet,							
	thence N 87d56' E 528 feet to point of beginning							
	Subject to existing easements.							

May 14, 2002 Page 48 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Description		Lease	<b>□</b> a	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Livingston County							
	T01N R06E							
N-263	(Continued)							
	That part N1/2 SW1/4 beginning at a point in the E & W 1/4 line of Section 4 distant N 89d W 1706.4	4	4.00	Min 100%				
	feet from the center of Section thence N 89d21' W			Sur 100%				
	192.5 feet to a point, thence S 34d07'E 200.1 feet							
	to a point, thence S 32d19' E 111.6 feet to a point,							
	thence S 23d48'E 159.2 feet to a point, thence S							
	17d53' E 194.9 ft to a point, thence S 14d04' E							
	106 feet to a point, thence S 13d04' E 125 feetto a							
	point, thence S 12d22' E 265.2 feet to a point,							
	thence S 16d16' E 108.3 feet to a point, thence S							
	28d E 112 feet to a point, thence S 41d37' E 58 feet to a point, thence S 88d51' E 112.8 feet to a							
	point, thence N 52d02' W 92.5 feet to a point,							
	thence N 35d32' W 141 feet to apoint, thence N							
	15d24' W 424.4 feet to a point, thence N 74d21' E							
	109 feet to a point, thence S 41d58' E 114 feet to							
	a point, thence N 67d26' E 54.5 feet to a point,							
	thence N 27d40' W 434.3 feet to a point, then S							
	76d09' W 87.3 ft to a point, th N 28d30' W 101.3 ft							
	to a point, th N 44d56' E 103.7 ft to apoint, th N							
	24d23' W 191.9 ft to apoint, th N 55d23' W 118.5 ft to the point of beginning being the same lands							
	describedas Exception A, excepting annular resrved							
	in a certain deed dated Oct. 25, 1920, from the PM							
	RR Co, party of the first part, to Chas. W. Burton,							
	of Detroit, Mich., recorded Nov 15, 1920, in Liber							
	139 of Deeds, Page 254, 255, 256, Livingston							
	County Records							
	Subject to existing easements.							
	That part NE1/4 SW1/4 covered by waters of	4	30.90	Min 100%				
	Island Lake at high water mark, excepting the 2			Sur 100%				
	Islands in said Lake & in said above described			Jul 10070				
	property at low water mark							
	Subject to existing easements.							
	That part NW1/4 SW1/4 owned by the J.O. Hearn	4	5.00	Min 100%				
	Co. & covered by the waters of Island Lake at			Sur 100%				
	High water mark, except the 2 islands in said lake			Jul 100 /0				
	& in said property at low watermark							
	Subject to existing easements.							

May 14, 2002 Page 49 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Livingston County							
	T01N R06E							
N 264	101111002	-			62			
N-264	All that part of S1/2 SE1/4 which lies E'ly of a line desc as: beginning at a point on the S line of said Sec 5 which is N87d34'26" E a distance of 346.04 ft from the S 1/4 corner of said Sec 5,th N01d58'34" W a distance of 514.89 ft to the point of curvature of a 537.96 foot radius curve to the right (chord bearing N 13d01'26" E)th NE'ly along the arc of said curve 281.68 ft to the point of tangencyof said curve; thence N 28d01'26" E a distance of 632.55 ft, th N 08d58'34" W a distance of 270.28 ft to a point of ending Excepting therefrom a strip of land 350 ft in width being a part of the North 400 ft of said S1/2 SE1/4, Sec 5, which lies SE'ly of and adjacent to a line desbribed as: beginning at a point on theS line of said Sec 5, which is N 87d34'26" E a distance of 346.04 ft from th S 1/4 cor of said Sec 5, th N 01d58'34"W a distance of 514.89 ft to the point of curvature of a 537.96 ft radius curve to the right (chord bearing N 13d01'26" E), th NE'ly along the arc of said curve 281.68 ft to the point of tangency of said curve, th N 28d01'26" E a distance of 800 ft to a point of ending. Reserving therefrom an easement for drainage purposes desc as: beginningat a point wh N 87d 34' 26" E along the S line of sd Sec 5 a distance of 27.04 ft, N 01d58' 34" along the survey line of Hy US-23 a distance of 2080.73 ft th 01d41'34" W along said survey line a distance of 804.13 ft, N 88d18'26" E a distance of 295 ft, S 19d55'59" E a distance of 352.15 ft and S 45d 37' 10" E a distance of 352.15 ft and S cor of said Sec 5, th continuing S 45' 37' 10" E a distance of 750 ft th N 44d22'50" E a distance of 400 ft, th N 45d37'10" W a distance of 750 ft, th N 44d22'50" E a distance of 750 ft, th N 44d22'50" E a distance of 750 ft, th N 44d22'50" E a distance of 750 ft, th N 44d22'50" E a distance of 750 ft, th N 44d22'50" E a distance of 80 ft to the pt of beg.		62.00	Min 100% Sur 100%				
N-265	NE1/4 NE1/4	8	40.00	Min 100% Sur 100%				

May 14, 2002 Page 50 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Description		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	⊏quity	Acres	Number	Bid	Bid
	Livingston County							
	T01N R06E							
N-265	(Continued) SE1/4 NE1/4 Section 8 & SW1/4 NW1/4 Section 9 except land beginning at NW corner of SE1/4 NE1/4 Section 8, thence E 715.30 feet, thence S 690.44 feet, thence N 66d59' E 1288 feet, thence S 0d44' W 231 feet, thence S 66d36'45" W 282.94 feet, thence S 41d31' E 464.85 feet to center line of Highway, thence S 59d49' W along center of said Highway to S line of said SW1/4 NW1/4 Section 9, thence W along E & W 1/4 line of Section 9 & 8 to center line of Highway, thence N 41d11' W 772.2 feet, thence N 53d13' W 531.3 feet to W line of said SE1/4 NE1/4 Section 8, thence N 254.8 feet to place of beginning, and excepting that part of SE1/4 NE1/4 Section 8 and SW1/4 NW1/4 Section 9 lying S of Bishop and Academy Highways respectively Subject to existing easements.	8	65.40	Min 100% Sur 100%	1			
	SE1/4 NE1/4 Section 8 & SW1/4 NW1/4 Section 9 except land beginning at NW corner of SE1/4 NE1/4 Section 8, thence E 715.30 feet, thence S 690.44 feet, thence N 66d59' E 1288 feet, thence S 0d44' W 231 feet, thence S 66d36'45" W 282.94 feet, thence S 41d31' E 464.85 feet to center line of Highway, thence S 59d49' W along center of said Highway to S line of said SW1/4 NW1/4 Section 9, thence W along E & W 1/4 line of Section 9 & 8 to center line of Highway, thence N 41d11' W 772.2 feet, thence N 53d13' W 531.3 feet to W line of said SE1/4 NE1/4 Section 8, thence N 254.8 feet to place of beginning, and excepting that part of SE1/4 NE1/4 Section 8 and SW1/4 NW1/4 Section 9 lying S of Bishop and Academy Highways respectively Subject to existing easements.	9	65.40	Min 100% Sur 100%	1			
N-266	NE1/4 SE1/4 lying S & E of center line of Academy Drive	8	9.00	Min 100% Sur 100%				
	That part N1/2 SE1/4 SE1/4 lying E of Academy Road	8	3.50	Min 100% Sur 100%				
	That part S1/2 SE1/4 SE1/4 lying E'ly of Academy Road as now located	8	5.00	Min 100% Sur 100%				
N-267					98	-	-	-
14 201	NE1/4 NE1/4	9	40.00	Min 100% Sur 100%				
	Part of SE1/4 NE1/4 N & W of Huron River	9	7.10	Min 100% Sur 100%				
	W1/2 NE1/4 N of Highway & N & W of Huron River	9	50.00	Min 100% Sur 100%				

May 14, 2002 Page 51 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Description		Lease	Fault.	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	⊏quity	Acres	Number	Bid	Bid
	Livingston County							
	T01N R06E							
N-268	A		40.00		84			
	A parcel beginning at the NE corner of W1/2 NW1/4, th S 529.98 feet, W 822.36 feet, N 529.98	9	10.00	Min 100%	1			
	feet, E 822.36 feet to beginning			Sur 100%				
	Commencing at the W1/4 corner of said Section 9; th due S 147.60 feet to a point in the center of	9	3.50	Min 100%	1			
	Academy Rd; N 60d54' E 2307.25 feet along the			Sur 100%				
	center of said road; S 9d48' E 787.90 feet to the							
	point of beginning; N 82d30' E 642.80 feet; S							
	7d30' E to the center of Huron River; W'ly along the center of Huron River to a point in the center of							
	the Huron River which is S 9d48' E from the place							
	of beginning; N9d48' W to the place of beginning							
	NE1/4 NW1/4	9	40.00	Min 100%				
			.0.00	Sur 100%	1			
	NW1/4 NW1/4 except a parcel of land beginning	9	30.00	Min 100%				
	at the NE corner of NW1/4 NW1/4 thence S			Sur 100%				
	529.98 feet, thence W 822.36 feet, thence N							
	529.98 feet, thence E 822.36 feet to beginning							
N-269					145			
	NW1/4 SE1/4 S of Huron River except a parcel	9	30.00	Min 100%				
	beginning on E Section line 297 feet S of E1/4 post, thence N 88d30' W to E1/8 line for point of			Sur 100%				
	beginning, thence N 88d30' W to bank of Huron							
	River, NE'ly along river to point of intersection of							
	Huron River, E and W1/4 line between SE1/4 NE1/4, thence E to 1/8 line, S to point of							
	beginning, also except that part of NW1/4 SE1/4 N							
	of Huron River							
	Subject to existing easements.							
	S 1023 feet NE1/4 SE1/4	9	34.47	Min 100%				
				Sur 100%	1			
	SE1/4 SE1/4	9	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 SE1/4	9	40.00	Min 100%				
	Subject to existing easements.			Sur 100%	1			
N 270					134			
N-270	E1/2 S1/2 SW1/4 SW1/4	9	10.00	Min 100%	}			
			. 0.00	Sur 100%	1			
	N1/2 SE1/4 SW1/4	9	20.00	Min 100%	1			
				Sur 100%	1			
	N1/2 SW1/4 SW1/4	9	20.00	Min 100%	1			
				Sur 100%	1			
	Part NE1/4 SW1/4 S of River	9	14.00	Min 100%				
	Subject to existing easements.			Sur 100%				

May 14, 2002 Page 52 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	011 02 000 20000 7		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres		Acres	Number	Bid	Bid
	Livingston County	T						
	T01N R06E							
		-						
N-270	(Continued)		00.00					
	S1/2 SE1/4 SW1/4	9	20.00	Min 100%				
				Sur 100%	l			
	That part of NW1/4 SW1/4 lying S of centerline of Academy Drive	9	39.60	Min 100%	1			
	Subject to existing easements.			Sur 100%				
	casjeet to ending eaconione.							
	W 10 acres S1/2 S1/2 SW1/4	9	10.00	Min 100%				
				Sur 100%				
N-271					5			
	N 301.85 ft of W 700 ft of W1/2 NE1/4	11	4.90	Min 100%				
				Sur 100%				
N-272					13			
	N 330 feet of W 330 feet	15	2.50	Min 100%				
				Sur 100%				
	N 330 ft of NW1/4 NW1/4	15	10.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-273		<del> </del>			10			
14 270	N 330 ft of NE1/4 NE1/4	16	10.00	Min 100%	1			
	Subject to existing easements.			Sur 100%	1			
	-	ļ		23. 10070				
N-274					26			
	NW1/4 NW1/4 except East 503.6 feet	16	26.00	Min 100%	l			
				Sur 100%				
N-275					15			
	Part of NE1/4 NE1/4 beginning at the NE cor of	17	15.00	Min 100%				
	Sec 17, th S 80 rods along the E Sec line of said			Sur 100%				
	Sec 17, W 40 rods to center of Academy Road, NE'ly along the centerline of said road to a point							
	20 rods W of NE cor of said Sec 17, E 20 rods							
	along the N line of said Sec 17 to point of							
	beginning							
		1						

May 14, 2002 Page 53 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering		Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres		Acres	Number	Bid	Bid
	Manistee County							
	T22N R14W							
	122N K14VV				00			
276	NE1/4 NE1/4	-	44.60	Min 100%	82			
	INE 1/4 INE 1/4	5	41.60	1				
	SE1/4 NE1/4	_	40.00	Sur 0%	i			
	SE 1/4 INE 1/4	5	40.00	Min 100% Sur 0%				
				Sur U%				
<b>277</b> 15	NE1/4 NW1/4	6	40.00	N4: 1000/	81			
15	INE 1/4 INVV 1/4	6	40.06	Min 100%				
4.5	SE1/4 NW1/4	0	40.00	Sur 0%	i .			
15	SE 1/4 INVV 1/4	6	40.00	Min 100%				
N. 070				Sur 0%			-	
N-278	CWA/A NWA/A him W of Book Crook	0	4.00	N. 1000/	1			
	SW1/4 NW1/4 lyg W of Bear Creek	8	1.00	Min 100%				
				Sur 0%				
	Manistee County							
	T22N R15W							
279					40			
	NW1/4 NE1/4	14	40.00	Min 100%				
				Sur 0%				
280					40			
	SE1/4 NW1/4	14	40.00	Min 100%				
				Sur 0%				
281					80			
15	NE1/4 SE1/4	14	40.00	Min 100%	1			
				Sur 0%	i .			
	NW1/4 SE1/4	14	40.00	Min 100%				
				Sur 0%				
282					80			
	NE1/4 NE1/4	22	40.00	Min 100%				
				Sur 0%				
	NW1/4 NE1/4	22	40.00	Min 100%				
				Sur 0%				

May 14, 2002 Page 54 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Mason County							
	T19N R17W							
N-283					80			
	NE1/4 SE1/4	13	40.00	Min 100%	ò			
				Sur 0%				
	NW1/4 SE1/4	13	40.00	Min 100%				
				Sur 0%	-+			
284	W/4/0 054/4 0W/4/4	4.4	00.00		20			
	W1/2 SE1/4 SW1/4	14	20.00	Min 100%				
N. 005				Sur 09	-+			
N-285	SW1/4 SW1/4	14	40.00	Min 1000	60			
	3W 1/4 3W 1/4	14	40.00	Min 100% Sur 0%				
	W1/2 NE1/4 SW1/4	14	20.00	Min 100%				
	W 1/2 INC 1/4 OW 1/4	'-	20.00	Sur 0%				
N-286				Oui 07	38			
14-200	E1/2 W1/2 SW1/4	19	37.10	Min 100%	1			
			00	Sur 09				
287					50			
20.	S1/2 N1/2 NE1/4	24	39.24	Min 100%	,			
				Sur 0%				
	W 10 acres of N1/2 N1/2 NE1/4	24	10.00	Min 100%	,			
				Sur 0%	, o			
N-288					1			
	All that part of S1/2 N1/2 NE1/4 which lies E'ly of a	24	0.76	Min 100%	ò			
	line 50 ft W'ly of measured at right angles & parallel to survey c/l of US-31			Sur 0%	, D			
	parallel to survey of or 05-31							
N-289					2			
	E 16 rods of W 40 rods of S 20 rods of N 40 rods	27	2.00	Min 100%	, o			
	of E1/2 NW1/4 and hwy r/w			Sur 0%	, D			
200					35			
290	SW1/4 NE1/4 except a strip of land 330 feet wide	28	34 09	Min 100%	1			
	across SW1/4 NE1/4, described as follows:	20	04.00	Sur 0%				
	Commencing at the E 1/4 corner of said section,			<b>J G G F</b>				
	th N 89d23'05" W along the E-W 1/4 line of said section 1,663.43 ft to the place of beginning for							
	this description, th continuing N 89d23'05" W							
	along said 1/4 line 495.87 ft to a point, th N							
	48d53'40" E a distance of 1,105.19 ft to the E 1/8							
	line of said section, th S 00d42'37" E along said 1/8 line 433.30 ft to a point, th S 48d53'40" W a							
	distance of 454.65 ft to the place of beginning							
	p. 20 20 20 20 20 20 20 20 20 20 20 20 20							

May 14, 2002 Page 55 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease			Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equit	<u>y</u>	Acres	Number	Bid	Bid
	Mason County								
	T19N R17W	ļ							
N-291						6			
	A strip of land 330 feet wide across that part of SW1/4 NE1/4, described as follows:	28	5.91		100%				
	Commencing at the E 1/4 corner of said section,			Sur	0%				
	th N 89d23'05" W along the E-W 1/4 line of said								
	section 1,663.43 ft to the place of beginning for								
	this description, th continuing N 89d23'05" W along said 1/4 line 495.87 ft to a point, th N								
	48d53'40" E a distance of 1,105.19 ft to the E 1/8								
	line of said section, th S 00d42'37" E along said								
	1/8 line 433.30 ft to a point, th S 48d53'40" W a distance of 454.65 ft to the place of beginning								
	distance of 454.55 it to the place of beginning								
292						80			
	SE1/4 NW1/4	28	40.00						
				Sur	0%				
	SW1/4 NW1/4	28	40.00						
		-		Sur	0%	40			
N-293	C)A/4 /4 NIF 4 /4	20	40.00	N 45	1000/	40			
	SW1/4 NE1/4	30	40.00	Sur	0%				
N-294		-		Sui	U 70	40			
IN-234	SE1/4 SW1/4	30	40.00	Min	100%	!			
				Sur	0%				
295						80			
	S 450 feet of W 42 rods of N1/2 NW1/4, except	33	0.34	Min	100%				
	S450 feet of W1/2 NW1/4 NW1/4			Sur	0%				
	SE1/4 NW1/4	33	40.00	Min	100%				
	02,111,111,11		10.00	Sur	0%				
	SW1/4 NW1/4 except 1/2 acre commencing at	33	39.50						
	NW corner of SW1/4 NW1/4 of Sec. 33 th S 8			Sur	0%				
	rods, E 10 rods, N 8 rods, W 10 rods to place of beginning								
	beginning								
	Mason County								
	T19N R18W								
N-296						60			
	NW1/4 SE1/4	24	40.00	1					
				Sur	0%	1			
	W1/2 SE1/4 SE1/4	24	20.00						
N 007				Sur	0%				
N-297	NE1/4 NE1/4	36	40.00	Min	1009/	80			
		30	+0.00	Sur	0%				
	NW1/4 NE1/4	36	40.00	1					
			.0.00	Sur	0%				

May 14, 2002 Page 56 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oil & Gas Ecase A	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Mecosta County							
	T13N R10W							
298					40			
	SW1/4 SW1/4	17	40.00	Min 100%				
				Sur 0%				
299					40			
1	SE1/4 NE1/4	18	40.00	Min 100%				
				Sur 0%				
300					120			
1	NE1/4 SE1/4	18	40.00	Min 100%				
				Sur 0%				
1	NW1/4 SE1/4	18	40.00	Min 100%	1			
	054/4 054/4	40	40.00	Sur 0%	l			
	SE1/4 SE1/4	18	40.00	Min 100%				
				Sur 0%				
301	NW1/4 NE1/4	10	40.00	M:- 1000/	40			
1 3	174 NE 1/4	19	40.00	Min 100% Sur 0%				
302				3ui 0 /6	40			
302	NW1/4 NE1/4	20	40.00	Min 100%				
	, , , , , , , , , , , , , , , , , , ,	20	10.00	Sur 0%	1			
303		<del> </del>		23. 370	120			
1	NE1/4 NW1/4	20	40.00	Min 100%	1			
				Sur 0%	l			
	NW1/4 NW1/4	20	40.00	Min 100%				
				Sur 0%				
1	SW1/4 NW1/4	20	40.00	Min 100%	i .			
				Sur 0%				

May 14, 2002 Page 57 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Number   Description   Section   Acres   Equity   Bid   Bidder   Acres   Bid	
N-304   NE1/4 NE1/4   4   36.91   Min 100%   Sur 100%	i
NE1/4 NE1/4  NW1/4 NE1/4  NW1/4 NE1/4  4 36.91 Min 100% Sur 0%	
NW1/4 NE1/4  NW1/4 NE1/4  4 36.08 Min 100% Sur 0% Sur 0% Sur 0%	
NW1/4 NE1/4  NW1/4 NE1/4  SE1/4 NE1/4  4 40.00 Min 100% Sur 0% Sur 0% Sur 0%	
SE1/4 NE1/4  SE1/4 NE1/4  4 40.00 Min 100% Sur 100%	
SE1/4 NE1/4  SE1/4 NE1/4  4 40.00 Min 100% Sur 0%  N-306  NE1/4 NW1/4  9 40.00 Min 100% Sur 0% Sur 0%	
SW1/4 NE1/4  305  SE1/4 SE1/4  SU1/4 NE1/4  8 40.00 Min 100% Sur 0% Sur 0% Sur 0%	
SW1/4 NE1/4	
Sur 100%   80   80	
305   SE1/4 SE1/4   8   40.00   Min 100%   Sur 100%     SW1/4 SE1/4   8   40.00   Min 100%   Sur 100%     N-306     80     NE1/4 NW1/4   9   40.00   Min 100%   Sur 0%     SE1/4 NW1/4   9   40.00   Min 100%   Sur 0%     SE1/4 NW1/4   9   40.00   Min 100%   Sur 0%     Sur 0%   Sur 0%   Sur 0%   Sur 0%     Sur 0%   Sur 0%   Sur 0%   Sur 0%     Sur 0%   Sur 0%   Sur 0%   Sur 0%     Sur 0%   Sur 0%   Sur 0%   Sur 0%   Sur 0%     Sur 0%   Sur 0%   Sur 0	
SE1/4 SE1/4   8   40.00   Min 100%   Sur 0%	
SW1/4 SE1/4   8   40.00   Sur 100%   Sur 1	
SW1/4 SE1/4  8 40.00 Min 100% Sur 100%  N=306  NE1/4 NW1/4  9 40.00 Min 100% Sur 0% Sur 0% Sur 0% Sur 0%	
N-306  NE1/4 NW1/4  SE1/4 NW1/4  9 40.00 Min 100% Sur 0% Sur 0% Sur 0% Sur 0% Sur 0%	
N=306  NE1/4 NW1/4  9 40.00 Min 100% Sur 0% Sur 0% Sur 0% Sur 0%	
NE1/4 NW1/4 9 40.00 Min 100% Sur 0% SE1/4 NW1/4 9 40.00 Min 100% Sur 0% Sur 0%	
SE1/4 NW1/4 9 40.00 Sur 0% Sur 0% Sur 0%	
SE1/4 NW1/4 9 40.00 Min 100% Sur 0%	
Sur 0%	
<b>307</b> 120	
NW1/4 SW1/4 9 40.00 Min 100%	
Sur 100%	
SE1/4 SW1/4 9 40.00 Min 100%	
Sur 100%	
SW1/4 SW1/4 9 40.00 Min 100% Sur 100%	
N-308	
Sur 100%	
Missaukee County T24N R06W	
309	
NW1/4 SW1/4 27 40.00 Min 100%	
Sur 0%	
310   40   40   NE1/4 SW1/4   28   40.00   Min 100%	
Sur 0%	
311 40	
SE1/4 SE1/4 32 40.00 Min 100%	
Sur 0%	
<b>312</b> 40	
SE1/4 NW1/4 33 40.00 Min 100%	
Sur 0%	
<b>313</b> 80	
NW1/4 SW1/4 33 40.00 Min 100%	
Sur 0%	

May 14, 2002

State Of Michigan Department of Natural Resources

# **Mineral Auction Catalog**

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Missaukee County T24N R06W							
313	(Continued) SE1/4 SW1/4	33	40.00	Min 100% Sur 0%	1			

May 14, 2002 Page 59 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oii & Gas Lease A		Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres			Number	Bid	Bid
	Montcalm County T10N R06W							
N-314					160			
39	NE1/4 SW1/4	3	40.00	Min 100%	<b>:</b>			
				Sur 100%				
39	NW1/4 SW1/4	3	40.00	Min 100%	1			
				Sur 100%				
39	SE1/4 SW1/4	3	40.00	Min 100%	1			
	52,7,57,7,		10.00	Sur 100%				
39	SW1/4 SW1/4	3	40.00	Min 100%	1			
00			10.00	Sur 100%	1			
315				Out 10076	80			
313	SE1/4 SE1/4	4	40.00	Min 100%	1			
	SE 1/4 SE 1/4	7	40.00	Sur 100%				
	SW1/4 SE1/4	4	40.00	Min 100%	1			
	SW 1/4 SE 1/4	4	40.00					
		-		Sur 100%			-	
N-316	NE4/4 0E4/4		40.00		80			
39	NE1/4 SE1/4	4	40.00	Min 100%				
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		40.00	Sur 100%				
39	NW1/4 SE1/4	4	40.00	Min 100%				
		ļ		Sur 100%				
317					45			
	A parcel of land commencing at a point 1 rod N of	4	5.00	Min 100%				
	SW corner of SE1/4 SW1/4, th E 20 rods, N 40 rods, W 20 rods, S 40 rods to POB			Sur 100%				
	1003, W 20 1003, O 40 1003 to 1 OB							
	SW1/4 SW1/4	4	40.00	Min 100%				
				Sur 100%				
N-318					115			
39	NE1/4 SW1/4	4	40.00	Min 100%	!			
				Sur 100%	1			
39	NW1/4 SW1/4	4	40.00	Min 100%				
				Sur 100%	1			
39	SE1/4 SW1/4 except the following described	4	35.00	Min 100%				
	parcel: Commencing at the SW corner of said		00.00	Sur 100%	l			
	description, th N 1 rod to point of beginning, th E			04. 10070				
	20 rods, N 40 rods, W 20 rods, S 40 rods to point							
	of beginning							
319					40		-	
313	NW1/4 NE1/4	9	40 00	Min 100%	-			
	, , , , , , , , , , , , , , , , , , ,		.0.00	Sur 100%	1			
NL 220				Jul 100 /0	40		-	
N-320	NE1/4 NE1/4	9	40.00	Min 100%	-			
	INC 1/4 INC 1/4	9	40.00		1			
N 001				Sur 100%			-	
N-321	Undivided 4/0 interest in NE4/4 054/4	_	40.00	N	10			
23 39	Undivided 1/2 interest in NE1/4 SE1/4	9	10.00	Min 50%	1			
33				Sur 100%				

May 14, 2002 Page 60 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering		Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres		Acres	Number	Bid	Bid
	Montcalm County							
	T10N R06W							
N-322					91			
39	N1/2 SW1/4 NE1/4	10	20.00	Min 100%				
				Sur 100%				
23	NE1/4 NE1/4 except 9 acres described as	10	31.00	Min 100%				
39	beginning at the NE corner of the Section, th S 32 rods, W 40 rods, N 16 rods, W 10 rods, N 16			Sur 100%				
	rods, E 50 rods to point of beginning							
39	NW1/4 NE1/4	10	40.00	Min 100%				
				Sur 100%				
N-323					160			
39	NE1/4 NW1/4	10	40.00	Min 100%				
				Sur 100%				
39	NW1/4 NW1/4	10	40.00	Min 100%				
				Sur 100%	l			
39	SE1/4 NW1/4	10	40.00	Min 100%				
				Sur 100%				
23	SW1/4 NW1/4	10	40.00		1			
				Sur 100%				

May 14, 2002 Page 61 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease			Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equi	ty	Acres	Number	Bid	Bid
	Montmorency County								
	T29N R01E								
324						80			
	SE1/4 NW1/4	3	40.00						
	SW1/4 NW1/4	3	40.00	l	100%				
	Subject to existing easements.	3	40.00		100%				
	-	ļ		- Gui					
	Montmorency County								
	T29N R02E	-							
<b>325</b>	Paginning 40 rada W of NE corner of SE1/4	20	1 20	N 4:	1000/	2			
16	Beginning 40 rods W of NE corner of SE1/4 NE1/4as point of beginning, th S 24 rods, W 8	30	1.20		100%				
	rods, N 24 rods, E 8 rods to point of beginning			Sur	0%				
		-							
<b>326</b> 16	W 4 rods of E 18 rods of NE1/4 NW1/4 less, S	30	1 00	Min	100%	1			
10	40rods thereof	30	1.00	Sur	0%				
		ļ							
	Montmorency County								
	T31N R02E	-				4.0			
<b>327</b> 15	SW1/4 SE1/4	9	40.00	N 4:	1000/	40			
13	3VV 1/4 3E 1/4	9	40.00	Sur	0%				
N-328		-		Oui		120			
14 020	NE1/4 SE1/4	9	40.00	Min	100%	0			
				Sur	0%				
	NW1/4 SE1/4	9	40.00	Min	100%				
				Sur	0%				
	SE1/4 SE1/4	9	40.00						
N. 200				Sur	0%	70			
<b>N-329</b> 8	LOT 8	10	26.30	Min	100%	72			
U		10	20.00	Sur	0%				
	Part of Govt Lot 7 within SE1/4 SW1/4	10	5.65	1	100%				
				Sur	0%				
8	Part of Govt Lot 7 within SW1/4 SW1/4	10	40.00	Min	100%				
		ļ		Sur	0%				
N-330						80			
	NW1/4 NE1/4	16	40.00	1					
	SW1/4 NE1/4	16	40.00	Sur	0%				
	OVV 1/4 INC 1/4	10	40.00	Sur	0%				
331		+		Jui		40			
<b>50</b> i	NE1/4 NE1/4	17	40.00	Min	100%				
				1	100%				
N-332						46			
	NW1/4 SW1/4	19	45.20						
		1	1	Sur	100%		1		

May 14, 2002 Page 62 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Montmorency County							
	T31N R03E							
333					160			
	NE1/4 SW1/4	1	40.00	Min 100%				
				Sur 100%				
	NW1/4 SW1/4	1	40.00	Min 100%				
				Sur 100%				
	SE1/4 SW1/4	1	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 SW1/4	1	40 00	Min 100%				
	SVV 17 1 SVV 17 1		10.00	Sur 100%				
334				Cui 10070	83			
JJ-1	NE1/4 NE Frac'l 1/4	2	1.18	Min 100%				
		-		Sur 100%				
	NW1/4 NE Frac'l 1/4	2	1.34	Min 100%				
				Sur 100%				
	SE1/4 NE Frac'l 1/4	2	40.00	Min 100%				
				Sur 100%				
	SW1/4 NE Frac'l 1/4	2	40.00	Min 100%				
				Sur 100%				
335					84			
	FrI NW1/4 NW1/4	2	1.64	Min 100%				
				Sur 100%				
	NE1/4 NW Frac'l 1/4	2	1.49	Min 100%				
				Sur 100%				
	SE1/4 NW Frac'l 1/4	2	40.00	Min 100%				
				Sur 100%				
	SW1/4 NW1/4	2	40.00	Min 100%				
				Sur 100%				
336					160			
	NE1/4 SE1/4	2	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 SE1/4	2	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SE4/4 SE4/4		40.00					
	SE1/4 SE1/4 Subject to existing easements.	2	40.00	Min 100%				
	Casjour to existing casements.			Sur 100%				
	SW1/4 SE1/4	2	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
337					160			
33 <i>1</i>	NE1/4 SW1/4	2	40 00	Min 100%				
	Subject to existing easements.		₹0.00	Sur 100%				
	NW1/4 SW1/4	2	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				

May 14, 2002 Page 63 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Montmorency County T31N R03E							
337	(Continued) SE1/4 SW1/4 Subject to existing easements.	2	40.00	Min 100% Sur 100%	1			
	SW1/4 SW1/4 Subject to existing easements.	2	40.00	Min 100% Sur 100%				
338	NE1/4 NE Frac'l 1/4	3	2.08	Min 100% Sur 100%				
	NW1/4 NE Frac'l 1/4	3	2.80	Min 100% Sur 100%				
	SE1/4 NE Frac'l 1/4	3	40.00	Min 100% Sur 100%				
	SW1/4 NE Frac'l 1/4	3	40.00	Min 100% Sur 100%				
339	NE1/4 SE1/4 Subject to existing easements.	3	40.00	Min 100% Sur 100%	l			
	NW1/4 SE1/4 Subject to existing easements.	3	40.00	Min 100% Sur 100%	l			
	SE1/4 NE1/4 Subject to existing easements.	3	40.00	Min 100% Sur 100%	1			
	SW1/4 SE1/4 Subject to existing easements.	3	40.00	Min 100% Sur 100%				
340	SE1/4 NE Frac'l 1/4	5	40.00	Min 100% Sur 100%				
N-341	NW1/4 NE1/4 Subject to existing easements.	5	7.42	Min 100% Sur 100%	1			
<b>342</b> 15	NE1/4 SW1/4	5	40.00	Min 100% Sur 100%				
N-343	NW1/4 SW1/4	5	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4 Subject to existing easements.	5	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	5	40.00	Min 100% Sur 100%	1			
N-344	NE1/4 NE Frac'l 1/4 Subject to existing easements.	6	9.96	Min 100% Sur 100%	102			

May 14, 2002 Page 64 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Montmorency County T31N R03E							
N-344	(Continued) NW1/4 NE Frac'l 1/4 Subject to existing easements.	6	11.28	Min 100% Sur 100%				
	SE1/4 NE Frac'l 1/4	6	40.00	Min 100% Sur 100%				
	SW1/4 NE Frac'l 1/4	6	40.00	Min 100% Sur 100%				
N-345	NE1/4 NW Frac'l 1/4 Subject to existing easements.	6	12.60	Min 100% Sur 100%	1			
	NW1/4 NW Frac'l 1/4 Subject to existing easements.	6	11.57	Min 100% Sur 100%	1			
	SE1/4 NW Frac'l 1/4	6		Min 100% Sur 100%				
0.40	SW1/4 NW Frac'l 1/4	6	40.00	Min 100% Sur 100%				
346	SE1/4 SE1/4 Subject to existing easements.	6	40.00	Min 100% Sur 100%	1			
15	SW1/4 SE1/4	6	40.00	Min 100% Sur 100%	1			
N-347	NE1/4 SE1/4	6	40.00	Min 100% Sur 100%	l			
	NW1/4 SE1/4	6	40.00	Min 100% Sur 100%	i			
N-348	NE1/4 SW1/4	6	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4	6	35.95	Min 100% Sur 100%				
349	NE1/4 NE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%	80			
	NW1/4 NE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%	1			
<b>350</b> 15	Commencing at E1/4 corner thence S 88dW 660.97 feet, N 441 feet, to POB continuing N 308.41 feet, N 73dE 292.29 feet, S 1dE 308.41 feet, S 73dW 292.29 feet to POB	8	2.00	Min 100% Sur 0%	1			

May 14, 2002 Page 65 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Description		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	∟quity	Acres	Number	Bid	Bid
	Montmorency County							
	T31N R03E							
N-351	NE4/4 0E4/4		40.00		120			
	NE1/4 SE1/4	8	40.00	Min 100%				
	SE1/4 SE1/4		40.00	Sur 100%				
	SE 1/4 SE 1/4	8	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	8	40.00	Min 100%				
	OW 1/4 GE 1/4		40.00	Sur 100%				
N-352				Odi 10070	80			
14-552	NE1/4 SW1/4	9	40.00	Min 100%				
				Sur 100%				
	SE1/4 SW1/4	9	40.00	Min 100%				
				Sur 100%				
353					80			
	NE1/4 NE1/4	10	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 NE1/4	10	40.00	Min 100%				
	Subject to existing easements.	10	40.00	Sur 100%				
	-							
N-354					40			
	SE1/4 NE1/4	10	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
355					80			
	NE1/4 NW1/4	11	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 NW1/4	11	40.00	Min 100%				
	Subject to existing easements.	''	40.00	Sur 100%				
	,			001 10070				
N-356					80			
	SE1/4 NW1/4	11	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 NW1/4	11	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	Montmoroncy County						-	
	Montmorency County T31N R04E							
N. 257	I3IN KU4E				40			
N-357	NE1/4 NW1/4	14	40.00	Min 100%	40			
		14	70.00	Sur 0%				
358				Jui 0 /0	80		<del> </del>	
330	NE1/4 NW1/4	15	40 00	Min 100%	}			
		13	15.00	Sur 0%				
	SE1/4 NW1/4	15	40.00	Min 100%				
	J	.5	.5.55	Sur 0%				

May 14, 2002 Page 66 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Description		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Montmorency County							
N-359	T31N R04E				80			
M-359	NW1/4 NW1/4	15	40.00	Min 100%	ł			
			10.00	Sur 0%				
	SW1/4 NW1/4	15	40.00	Min 100%				
				Sur 0%				
360					40			
	NE1/4 SW1/4	15	40.00	Min 100%				
N 264				Sur 0%	40			
N-361	NW1/4 SW1/4	15	40.00	Min 100%	1			
		1.0	10.00	Sur 0%				
	Montmorency County							
	T32N R01E							
362					160			
	NE1/4 SE1/4	26	40.00	Min 100%				
	NN4/4 054/4	00	40.00	Sur 100%				
	NW1/4 SE1/4	26	40.00	Min 100% Sur 100%				
15	SE1/4 SE1/4	26	40.00	Min 100%	i			
. •	52,7,52,7,		10.00	Sur 100%				
15	SW1/4 SE1/4	26	40.00	Min 100%				
				Sur 100%				
363					40			
	NW1/4 SE1/4 Subject to existing easements.	28	40.00	Min 100%				
	Cusposi to existing edeciments.			Sur 100%				
N-364					40			
	SW1/4 SE1/4	28	40.00	Min 100%				
265				Sur 100%	40			
<b>365</b> 15	SW1/4 NE1/4	35	40.00	Min 100%	1			
				Sur 100%				
N-366					120			
	NE1/4 NE1/4	35	40.00	Min 100%				
				Sur 100%				
	NW1/4 NE1/4	35	40.00	Min 100%				
	SE1/4 NE1/4	35	40.00	Sur 100% Min 100%				
	GE 1/4 NE 1/4	00	40.00	Sur 100%				
367				70	120			
15	NE1/4 NW1/4	35	40.00	Min 100%				
				Sur 100%	i			
15	SE1/4 NW1/4	35	40.00	Min 100%	1			
	CINIA /A NINIA /A	0.5	40.00	Sur 100%				
	SW1/4 NW1/4	35	40.00	Min 100%				
				Sur 100%		1		

May 14, 2002 Page 67 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oli & Gas Lease A		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Montmorency County T32N R01E							
N-368	NW1/4 NW1/4	35	40.00	Min 100% Sur 100%				
369	NW1/4 SE1/4	35	40.00	Min 100% Sur 100%	l			
15	SE1/4 SE1/4	35	40.00	Min 100% Sur 100%				
N-370	NE1/4 SE1/4	35	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	35	40.00	Min 100% Sur 100%				
<b>371</b> 15	NW1/4 SW1/4	35	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	35	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	35	40.00	Min 100% Sur 100%	1			
N-372	NE1/4 SW1/4	35	40.00	Min 100% Sur 100%	1			
	Montmorency County T32N R02E							
<b>373</b> 15	NE1/4 NW1/4 Subject to existing easements.	35	40.00	Min 100% Sur 100%				
15	NW1/4 NW1/4 Subject to existing easements.	35	40.00	Min 100% Sur 100%				
15	SE1/4 NW1/4 Subject to existing easements.	35	40.00	Min 100% Sur 100%				
<b>374</b> 15	NE1/4 SW1/4 Subject to existing easements.	35	40.00	Min 100% Sur 100%				
15	SE1/4 SW1/4 Subject to existing easements.	35	40.00	Min 100% Sur 100%				

May 14, 2002 Page 68 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oli & Gas Leas	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Newaygo County T15N R12W							
<b>375</b>	SE1/4 NW1/4	26	40.00	Min 100% Sur 0%				
<b>376</b>	NE1/4 SW1/4	26	40.00	Min 100% Sur 0%				
1	NW1/4 SW1/4	26	40.00	Min 100% Sur 0%				
<b>N-377</b>	SW1/4 SW1/4	26	40.00	Min 100% Sur 0%	1			
N-378	SE1/4 NW1/4	28	40.00	Min 100% Sur 0%				
379	NE1/4 SE1/4	28	40.00	Min 100% Sur 0%	1			
	NW1/4 SE1/4	28	40.00	Min 100% Sur 0%				
380	NE1/4 SW1/4	28	40.00	Min 100% Sur 0%				
	NW1/4 SW1/4	28	40.00	Min 100% Sur 0%				
<b>N-381</b>	NE1/4 SE1/4	29	40.00	Min 100% Sur 0%				
2	SE1/4 SE1/4	29	40.00	Min 100% Sur 0%				
<b>382</b>	SW1/4 SW1/4	29	40.00	Min 100% Sur 0%				
<b>N-383</b>	SW1/4 SW1/4	30	35.65	Min 100% Sur 0%	1			
<b>384</b>	NW1/4 NW1/4	31	36.27	Min 100% Sur 0%				
1	SW1/4 NW1/4	31	37.05	Min 100% Sur 0%				
<b>N-385</b> 2	NE1/4 NW1/4	31	40.00	Min 100% Sur 0%	1			
2	SE1/4 NW1/4	31	40.00	Min 100% Sur 0%				

May 14, 2002 Page 69 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oii & Gas Lease /	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Newaygo County T15N R12W							
<b>N-386</b>	NW1/4 SW1/4	31	37.83	Min 100% Sur 0%				
<b>N-387</b>	NE1/4 NE1/4	32	40.00	Min 100% Sur 0%				
2	NW1/4 NE1/4	32	40.00	Min 100% Sur 0%				
2	S1/2 S1/2 SW1/4 NE1/4	32	10.00	Min 100% Sur 0%				
<b>388</b> 1	NE1/4 SE1/4	32	40.00	Min 100% Sur 0%				
1	NW1/4 SE1/4	32	40.00	Min 100% Sur 0%				
<b>N-389</b>	N1/2 SE1/4 SE1/4 Subject to existing easements.	32	20.00	Min 100% Sur 0%				
2	SW1/4 SE1/4	32	40.00	Min 100% Sur 0%				
390	NE1/4 NW1/4	33	40.00	Min 100% Sur 0%				
	NW1/4 NW1/4	33	40.00	Min 100% Sur 0%				
	SE1/4 NW1/4	33	40.00	Min 100% Sur 0%				
	SW1/4 NW1/4	33	40.00	Min 100% Sur 0%				
N-391 2	SW1/4 NE1/4	34	40.00	Min 100% Sur 0%				
392	NW1/4 SE1/4	34	40.00	Min 100% Sur 0%				
393	NE1/4 SW1/4	34	40.00	Min 100% Sur 0%				
	NW1/4 SW1/4	34	40.00	Min 100% Sur 0%				

May 14, 2002 Page 70 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Deparintion		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	⊏quity	Acres	Number	Bid	Bid
	Oceana County							
N. 004	T14N R16W				00			
N-394	W1/2 SW1/4 NE1/4	22	20.00	Min 1000	20			
	W 1/2 SW 1/4 NE 1/4	22	20.00	Min 100% Sur 100%	1			
395				Sui 100 /	40			
393	SE1/4 NW1/4	22	40 00	Min 100%	1			
	S2 // 1111 // 1		10.00	Sur 0%				
396					40		-	
	NW1/4 SE1/4	22	40.00	Min 100%				
				Sur 0%	1			
397		<b></b>			55			
	15 acres off N side of SE1/4 SW1/4 running 30	22	15.00	Min 100%				
	rds N and S and 80 rds E and W			Sur 0%				
	NE1/4 SW1/4	22	40.00	Min 100%				
	NC 1/4 3W 1/4	22	40.00	Sur 0%				
398				3ui 070	1			
330	A piece of land commencing 32 rods S of the NW	27	0.30	Min 100%	1			
	corner of SW1/4 SW1/4 NW1/4 running, thence E		0.00	Sur 0%				
	12 rods, S 4 rods, W 12 rods, N 4 rods to			Oui On				
	beginning							
399					42			
333	Commencing in center of E & W hwy & N & S hwy	27	1.00	Min 100%	1			
	at S end of N & S 1/4 line, th N 27 rods to POB, N		1.00	Sur 0%	1			
	5 rods, E 32 rods, S 5 rods, W 32 rods to POB. In			Oui On				
	W1/2 of SW1/4 SE1/4							
	N 5 rods of W 32 rods SW1/4 SE1/4	27	1 00	Min 100%				
	10010000111021000011111021111		1.00	Sur 0%	1			
	SE1/4 SE1/4	27	40.00	Min 100%				
				Sur 0%	1			
	Oceana County							
	T14N R18W							
N-400		<del> </del>			2			<del> </del>
	1/4 acre more or less lying NE of C & O RR in NE	1	0.25	Min 100%				
	corner of NE1/4 NE1/4			Sur 0%	1			
	400 ft DD =/		0.00					
	100 ft RR r/w across NE1/4 NE1/4	1	0.90	Min 100%	1			
404		ļ	-	Sur 100%	+			
401	SE1/4 NIM1/4	3	40.00	Min 1000	40			
	SE1/4 NW1/4	3	40.00	Min 100%				
402			-	Sur 0%	40	-		
402	SW1/4 SW1/4	3	40.00	Min 100%	-			
	OW 1/4 OW 1/4	3	40.00	Sur 0%	1			
403				Jul 0%	81			
403	NW1/4 NE1/4	4	40 10	Min 100%	-			
	INVVI/TINE I/T	-	70.19	Sur 0%				
			1	Jul 0%	<b>'</b>	1	1	

May 14, 2002 Page 71 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Oceana County T14N R18W							
403	(Continued) SE1/4 NE1/4	4	40.00	Min 100% Sur 0%				
404	NE1/4 NW1/4	4	39.98	Min 100% Sur 0%				
405	SE1/4 SE1/4	4	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	4	40.00	Min 100% Sur 0%				
406	S1/2 SW1/4 SW1/4	4	20.00	Min 100% Sur 0%				
407	SW1/4 NE1/4	5	40.00	Min 100% Sur 0%				
408	E1/2 SE1/4 NW1/4	5	20.00	Min 100% Sur 0%				
N-409	NW1/4 NE1/4	6	38.97	Min 100% Sur 100%				
N-410	NE1/4 NW frl 1/4	6	39.38	Min 100% Sur 100%	1			
411	NE1/4 SE1/4	7	40.00	Min 100% Sur 0%	160			
	NW1/4 SE1/4	7	40.00	Min 100% Sur 0%				
	SE1/4 SE1/4 SW1/4 SE1/4	7		Min 100% Sur 0% Min 100%				
412	SW1/4 NW1/4	8	40.00	Sur 0%  Min 100%  Sur 0%	40			
413	NE1/4 NW1/4	10	40.00	Min 100% Sur 0%	160			
	NW1/4 NW1/4	10	40.00	Min 100% Sur 0%				
	SE1/4 NW1/4	10	40.00	Min 100% Sur 0%				

May 14, 2002 Page 72 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering			Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Oceana County T14N R18W							
413	(Continued) SW1/4 NW1/4	10	40.00	Min 100% Sur 0%	1			
414	NE1/4 SW1/4	10	40.00	Min 100% Sur 0%	1			
	NW1/4 SW1/4	10	40.00	Min 100% Sur 0%	,			
415	All of SE1/4 NW1/4 excepting a strip of land 100 ft wide being parallel with and adjacent to the E'ly bank of Bender Creek, also excepting a strip of land 100 ft wide being parallel with and adjacent to the W'ly bank of Bender Creek.	12	38.00	Min 100% Sur 0%	1			
N-416	A strip of land in SE1/4 NW1/4 100 ft wide being parallel with and adjacent to the E'ly bank of Bender Creek, also a strip of land 100 ft wide being parallel with and adjacent to the W'ly bank of Bender Creek.	12	2.00	Min 100% Sur 100%	1			
417	E1/2 SW1/4 SW1/4	17	20.00	Min 100% Sur 0%	1			
418	NE1/4 NE1/4	18	40.00	Min 100% Sur 0%	1			
	NW1/4 NE1/4	18	40.00	Min 100% Sur 0%	,			
419	NW1/4 SE1/4	18	40.00	Min 100% Sur 0%	1			
	W1/2 NE1/4 SE1/4	18	20.00	Min 100% Sur 0%				
420	NE1/4 NE1/4	19	40.00	Min 100% Sur 0%	1			
	NW1/4 NE1/4	19	40.00	Min 100% Sur 0%				
421	NE1/4 NW1/4	19	40.00	Min 100% Sur 0%	1			
422	NW1/4 SW1/4	19	40.83	Min 100% Sur 0%	1			

May 14, 2002 Page 73 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oil & Gas Lease A		Lease			Bid	Bidder	Per Acre	Total
Number	Description		Acres		y		Number	Bid	Bid
	Oceana County				······································				
	T14N R18W								
423						80			
720	E1/2 SW1/4 NE1/4	20	20.00	Min	100%				
				Sur	0%				
	N1/2 NE1/4 NE1/4	20	20.00						
				Sur	0%				
	SE1/4 NE1/4	20	40.00	i					
				Sur	0%				
424						1			
727	A parcel of land in NE corner of NE1/4	21	0.50	Min	100%	·			
	commencing at a point 214.50 ft S of NE corner of	1		Sur	0%				
	NE1/4, th W 8 rods, S 10 rods, E 8 rods, N 10			Ju.	0,0				
	rods to POB								
425						30			
<b>423</b> 15	N3/4 SE1/4 NE1/4	25	30.00	Min	100%	00			
	116, 162, 1112, 11		00.00	Sur	0%				
426				Oui		20			
720	E1/2 NE1/4 NW1/4	25	20.00	Min	100%	20			
			20.00	Sur	0%				
N-427				- Cu.		4			
14 427	Beg 527 ft N of W1/4 cor, th E 780 ft, S 443 ft, SE'ly	33	3.67	Min	100%	·			
	149 ft along 325 ft rad curv to L-lg Chd Brs S 76d		0.0.	Sur	0%				
	E 147.74 ft, E 34.61 ft N 135 ft E 300 ft, N 338 ft W			Ju.	0,0				
	to POB								
	Oceana County	-	<u> </u>						
	T14N R19W								
428	1 1-14 1/1300	<del> </del>	<u> </u>			40		-	<del> </del>
420	SE1/4 SW1/4	1	40.00	Min	100%	40			
	OL 1/4 OW 1/4	'	70.00	Sur	0%				
429			-	Jui	U /0	46			
423	All that part of W 8 acres of SE1/4 SW1/4 lying	12	6.00	Min	1000/	_			
	and being N of highway running E and W across	12	0.00	Sur	0%				
	the SE1/4 SW1/4, and being 6 acres of land m/l.			Jui	U 70				
	NE1/4 SW1/4	12	40.00	1					
				Sur	0%				

May 14, 2002 Page 74 of 82

State Of Michigan Department of Natural Resources

# **Mineral Auction Catalog**

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		-	Bidder Number	Per Acre Bid	Total Bid
	Osceola County T17N R07W							
<b>430</b> 23	NW1/4 SW1/4	13	40.00	Min 100% Sur 0%				
15 23	SW1/4 SW1/4	13	40.00	Min 100% Sur 0%				

May 14, 2002 Page 75 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering		Oii & Gas Lea		Lease		Bid	Bidder	Per Acre	Total
Number	Description			Acres			Number	Bid	Bid
	0	scoda County T28N R01E							
<b>431</b> 15	SE1/4 NE1/4		14	40.00	Min 100%	80			
15	SW1/4 NE1/4		14		Sur 0% Min 100%				
	3VV 1/4 INE 1/4		14	40.00	Sur 0%				
<b>432</b> 15	SE1/4 NE1/4		23	40.00	Min 100%	80			
45			22		Sur 0%				
15	SW1/4 NE1/4		23	40.00	Min 100% Sur 0%				
N-433	NE1/4 NE1/4		23	40.00	Min 100%	80			
					Sur 0%				
	NW1/4 NE1/4		23	40.00	Min 100% Sur 0%				
<b>434</b> 15	SE1/4 NW1/4		23	40.00	Min 100%	40			
	021/1111/11			10.00	Sur 0%				
435	NE1/4 NW1/4		25	40.00	Min 100%	80			
	NW1/4 NW1/4		25	40 00	Sur 100% Min 100%	l			
				10.00	Sur 100%				
	0	scoda County T28N R04E							
<b>436</b> 8	NW1/4 SE1/4		10	40.00	Min 100%	40			
15	IWW 1/4 OL 1/4		10	+0.00	Sur 0%				
<b>437</b> 8	NE1/4 SW1/4		10	40.00	Min 100%	120			
15 15	NI/A/4 /A C/A/4/A		10		Sur 0%				
15	NW1/4 SW1/4		10	40.00	Min 100% Sur 0%				
	SW1/4 SW1/4		10	40.00	Min 100% Sur 0%				
438	N=4/4 000000			45		80			
8 15	NE1/4 SW1/4		11	40.00	Min 100% Sur 0%				
8 15	NW1/4 SW1/4		11	40.00	Min 100% Sur 0%	1			
439						80			
8 15	SE1/4 NE1/4		14	40.00	Min 100% Sur 0%	1			
15	SW1/4 NE1/4		14	40.00	Min 100%				
					Sur 0%				

May 14, 2002 Page 76 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Sec-Lease		•	Bid	Bidder	Per Acre	Total			
Number	Description			Acres			Acres	Number	Bid	Bid
<del></del>		Oscoda County								
		T28N R04E								
440							40			
15	SE1/4 NW1/4		14	40.00	Min	100%				
					Sur	0%				
441							160			
8	NE1/4 SE1/4		14	40.00	Min	100%				
15					Sur	0%				
8	NW1/4 SE1/4		14	40.00	Min	100%				
15					Sur	0%				
15	SE1/4 SE1/4		14	40.00	Min	100%				
					Sur					
8	SW1/4 SE1/4		14	40.00		100%				
15					Sur	0%				
442							160			
8 15	NE1/4 SW1/4		14	40.00		100%				
					Sur					
15	NW1/4 SW1/4		14	40.00		100%				
					Sur					
8 15	SE1/4 SW1/4		14	40.00		100%				
					Sur					
15	SW1/4 SW1/4		14	40.00		100%				
			ļ		Sur	0%				
443	NE4/4 CE4/4		4.5	40.00		1000/	160			
15	NE1/4 SE1/4		15	40.00	Sur	100% 0%				
15	NW1/4 SE1/4		15	40.00		100%				
13	NVV 1/4 SE 1/4		13	40.00	Sur					
15	SE1/4 SE1/4		15	40.00		100%				
10	OL 1/4 OL 1/4		13	+0.00		0%				
15	SW1/4 SE1/4		15	40.00		100%				
			.	. 5.55	Sur					
444			<del> </del>				160			
15	NE1/4 SW1/4		15	40.00	Min	100%				
-					Sur					
15	NW1/4 SW1/4		15	40.00		100%				
					Sur					
15	SE1/4 SW1/4		15	40.00		100%				
					Sur					
15	SW1/4 SW1/4		15	40.00		100%				
					Sur					

May 14, 2002 Page 77 of 82

State Of Michigan Department of Natural Resources

# **Mineral Auction Catalog**

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Otsego County T30N R03W							
<b>445</b> 15	S 5 chains of SE1/4 SW1/4	30	10.00	Min 100% Sur 100%				
<b>446</b> 15	SE1/4 NE1/4 Subject to existing easements.	31	40.00	Min 100% Sur 0%				

May 14, 2002 Page 78 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Presque Isle County		-5.50	17			1	1 = : -
	T33N R02E							
447					40			
	SE1/4 NW1/4	17	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
448					120			
16	NE1/4 NW1/4	28	40.00	Min 100%				
4.0			40.00	Sur 100%				
16	NW1/4 NW1/4 Subject to existing easements.	28	40.00	Min 100%				
	Casjoot to channing cascinomic.			Sur 100%				
16	SW1/4 NW1/4	28	40.00	Min 100%				
				Sur 100%				
N-449	SE1/4 NW1/4	28	40 00	Min 100%	40			
	OL 1/4 1900 1/4	20	<del>-</del> 0.00	Sur 100%				
450				2	160			<u> </u>
	NE1/4 SW1/4	29	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 SW1/4	29	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SE1/4 SW1/4	29	40.00	Min 100%				
	SE 17 1 GVV 17 1	20	10.00	Sur 100%				
	SW1/4 SW1/4	29	40.00	Min 100%				
				Sur 100%				
451					160			
15	NE1/4 NE1/4	32	40.00	Min 100%				
15	NW1/4 NE1/4	32	40.00	Sur 100% Min 100%				
13	14VV 174 INC 174	32	40.00	Sur 100%				
	SE1/4 NE1/4	32	40.00	Min 100%				
				Sur 100%				
	SW1/4 NE1/4	32	40.00	Min 100%				
				Sur 100%				
<b>452</b>	NIT 4 /4 NIN/4 /4	20	40.00	Min 1000/	80			
15	NE1/4 NW1/4	32	40.00	Min 100% Sur 100%				
15	NW1/4 NW1/4	32	40.00	Min 100%				
. •		"-		Sur 100%				
N-453					80			
	SE1/4 NW1/4	32	40.00	Min 100%				
				Sur 100%				
	SW1/4 NW1/4	32	40.00	Min 100%				
454				Sur 100%	160			
434	NE1/4 SE1/4	32	40.00	Min 100%				
		5-	13.00	Sur 100%				

May 14, 2002 Page 79 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
		LIOIT	Acres	Equity	ACIES	Number	Diu	Бій
	Presque Isle County T33N R02E							
454		-						
434	(Continued) NW1/4 SE1/4	32	40.00	Min 100%				
	14W 1/4 GE 1/4	02	40.00	Sur 100%				
	SE1/4 SE1/4	32	40.00	Min 100%				
				Sur 100%				
	SW1/4 SE1/4	32	40.00	Min 100%	l			
				Sur 100%				
	Presque Isle County							
	T33N R03E							
N-455					40			
	SW1/4 NE1/4	5	40.00	Min 100%				
				Sur 0%				
456					100			
	NE1/4 NE1/4	6	10.71	Min 100%				
				Sur 0%				
	NW1/4 NE1/4	6	9.26	Min 100%				
				Sur 0%	i .			
	SE1/4 NE1/4	6	40.00	Min 100%				
				Sur 0%	l			
	SW1/4 NE1/4	6	40.00	Min 100%				
45-				Sur 0%				
<b>457</b> 15	N1/2 SE1/4 SE1/4	6	20.00	Min 1000/	140			
15	N1/2 SE 1/4 SE 1/4	0	20.00	Min 100% Sur 0%				
	NE1/4 SE1/4	6	40.00	Min 100%				
	112 17 1 02 17 1		10.00	Sur 0%				
15	NW1/4 SE1/4	6	40.00	Min 100%	l			
				Sur 0%				
15	SW1/4 SE1/4	6	40.00	Min 100%				
				Sur 0%				
458					150			
	NE1/4 SW1/4	6	40.00	Min 100%				
				Sur 0%				
	NW1/4 SW1/4	6	35.12	Min 100%				
				Sur 0%				
	SE1/4 SW1/4	6	40.00	Min 100%	1			
				Sur 0%				
	SW1/4 SW1/4	6	34.64	Min 100%	1			
				Sur 0%				

May 14, 2002 Page 80 of 82

Oil & Gas Lease Auction Thursday June 13, 2002

Offering	Oil & Gas Lease A	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Saint Clair County T07N R16E							
N-459	Commencing at the SE corner of Sec. 20, th W along the S line of Sec 20 a distance of 1527.75 ft to the pob of this description, th N 0d34' E 180.3 ft, th W 269.23 ft, th S 16d22' E 187.90 ft to the S line of Sec 20, th E to the beginning.	20	1.00	Min 100% Sur 100%				
N-460	Beginning 616.86 feet N of SW corner of E1/2 SW1/4 th E 2029.9 feet, N 16d56' W 964.9 feet, W 1749 feet, S 923.12 feet to point of beginning	20	40.00	Min 100% Sur 100%				
	Beginning at SW corner of E1/2 SW1/4 th E 2217.73 feet, N 16d56' W 644.8 feet W 2029.9 feet, S 616.86 ft to point of beginning	20	30.00	Min 100% Sur 100%				
<b>461</b> 16	N 3 acres of E1/2 E1/2 W1/2 SW1/4 SW1/4 except E 12 feet thereof	21	2.78	Min 100% Sur 100%				
<b>N-462</b> 39	NE1/4 NE1/4	28	40.00	Min 100% Sur 100%				
39	NW1/4 NE1/4 Subject to existing easements.	28	40.00	Min 100% Sur 100%	, D			
39	SW1/4 NE1/4 exc Plat of Birdville Subject to existing easements.	28	6.07	Min 100% Sur 100%				
<b>N-463</b> 39	NE1/4 NW1/4 Subject to existing easements.	28	40.00	Min 100% Sur 100%				
<b>464</b> 16	E 29 acres of SW1/4 NE1/4	29	29.00	Min 100% Sur 100%				
16	S 11 acres of E 29 acres of NW1/4 NE1/4	29	11.00	Min 100% Sur 100%	0			
<b>N-465</b> 39	S1/2 E1/2 NE1/4	29	40.00	Min 100% Sur 100%	, D			
<b>N-466</b> 39	E 24 feet of that part of NE1/4 NE1/4 lying S of Co Road A.D. 119	33	0.50	Min 100% Sur 100%				
39	NW1/4 NE1/4	33		Min 100% Sur 100%	, D			
39	SE1/4 NE1/4	33	40.00	Min 100% Sur 100%				

May 14, 2002 Page 81 of 82

State Of Michigan Department of Natural Resources

# **Mineral Auction Catalog**

Oil & Gas Lease Auction Thursday June 13, 2002

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Saint Clair County T07N R16E							
<b>N-466</b> 39	(Continued) SW1/4 NE1/4 Subject to existing easements.	33	40.00	Min 100% Sur 100%				

May 14, 2002 Page 82 of 82

### MDNR NONDISCRIMINATION STATEMENT

### **Equal Rights for Natural Resource Users:**

The Michigan Department of Natural Resources (MDNR) provides equal opportunities for employment and access to Michigan's natural resources. Both State and Federal laws prohibit discrimination on the basis of race, color, national origin, religion, disability, age, sex, height, weight or marital status under the Civil Rights Acts of 1964, as amended, 1976 MI P. A. 453 and 1976 MI P. A. 220, Title V of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act. If you believe that you have been discriminated against in any program, activity or facility, or if you desire additional information, please write:

OFFICE OF LEGAL SERVICES
MICHIGAN DEPARTMENT OF NATURAL RESOURCES
PO BOX 30028
LANSING MI 48909-7528

MICHIGAN DEPARTMENT OF CIVIL RIGHTS

Or ® STATE OF MICHIGAN PLAZA BUILDING
1200 6TH STREET
DETROIT MI 48226

For information or assistance on this publication, contact the Michigan Department of Natural Resources, FOREST, MINERAL AND FIRE MANAGEMENT DIVISION, MINERAL and LAND MANAGEMENT SECTION, PO BOX 30452, LANSING MI 48909-7952. DNR website: <a href="https://www.dnr.state.mi.us">www.dnr.state.mi.us</a>

This publication is available in alternative formats upon request.

### MDNR MEETING ACCOMODATIONS

Persons with disabilities needing accommodations for the meeting should contact Ms. Eldona Santos at 517-373-7677.